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# AMERICAN POULTRY WORLD

MARCH, 1914

Vol. V.

No. 5

INDUSTRY

PROGRESS

ECONOMY



AMERICAN POULTRY PUBLISHING COMPANY  
BUFFALO, N.Y., U.S.A.



# SCHENLEY HEIGHTS POULTRY FARMS

SINGLE AND ROSE COMB

SILVER AND GOLDEN

RHODE ISLAND REDS

CAMPINES

*In establishing Schenley Height's Strain of Rhode Island Reds and Campines we have endeavored to produce healthy and vigorous stock as well as quality in standard requirements. The success of Schenley Heights stock for us and our customers has proven that we have done this. Our birds grow quickly, mature early and win in the show room. Our 1912-13 show record at Philadelphia, Cleveland and Pittsburgh where we won 13 out of a possible 15 first prizes was one of the best of the year. Our wonderful cockerel "Champion" was awarded the Sweepstake Special for the best male at all three shows establishing a record that stands alone.*

**BIG PALACE SHOW NEW YORK CITY, DECEMBER 2-6, 1913**

*On Rhode Island Reds as follows:*

**SINGLE COMB REDS**—1-2 pens, 2 cock, 3 hen, 1 pullet,

**ROSE COMB REDS**—4 cock, 2 hen (only 3 entries in this variety).

*Reese V. Hicks who placed the awards said the REDS at this exhibit were among the best classes ever shown.*

*On Campines as follows;*

**SILVER CAMPINES**—1 cock, 2-3 hen, 1 cockerel, 2-5 pullet, 1 pen. Seven Regular prizes on eight entries. Our first prize cock in this class was pronounced by competent judges to be the best colored Campine male that has been produced down-to-date.

**GOLDEN CAMPINES**—we won 1-2 cockerel, 2-3-4 pullet on five entries.

**1500 BIRDS FOR SALE**

*We can furnish both quality and quantity, in young or old stock. Choice stock in exhibition birds that can win, at reasonable prices. Our specialty is Selected Breeding Birds, mated for best results. We can furnish choice pairs, trios, pens or larger lots. Write your wants. We will be pleased to furnish any information and quote prices. Mention A. P. W.*

**SCHENLEY HEIGHTS POULTRY FARM, C. F. Rankin, Prop., 1202 Commonwealth Bldg., PITTSBURGH, PA.**



**Columbian Wyandottes, Columbian Plymouth Rocks, Partridge Plymouth Rocks, S. C. Buff & White Leghorns**

Our recent winnings at The Palace and Madison Square Garden and other large poultry shows again emphasize the high quality of the Wilburtha Strains. Our 1914 matings are composed of healthy, vigorous prize-winners, bred for heavy egg production and utility qualities as well as for exhibition purposes.

**EGGS FOR HATCHING      BABY CHICKS      BREEDING STOCK**

A limited number of eggs and day-old chicks will be sold from our prize matings. Book your order NOW for delivery any time before July 1st. Some choice breeders for sale at reasonable prices. Write for free descriptive circular and mating list.

**WILBURTHA POULTRY FARMS,**

**Box W,**

**TRENTON JUNCTION, N. J.**

*C. J. FISK, Owner*

*WM. D. CAMPBELL, Supt.*

**SEE MANHATTAN FARMS "AD" PAGE 373**

## RED FEATHER FARM REDS

**ROSE AND SINGLE COMBS**

Again Our Great "**SENSATION STRAIN**" Wins in Hottest Competition.

**AT MADISON SQUARE GARDEN**

**DECEMBER 26-31, 1913**

Nearly 400 REDS shown—the **GREATEST QUALITY CLASS** in the history of the breed—We won on Rose Combs, 1st COCKEREL and COLOR SPECIAL, 4th COCKEREL, 2nd PULLET.

**AT BOSTON**

**JANUARY 13 - 17, 1914**

With America's leading breeders competing on Rose Combs, we won 1st COCK and SHAPE SPECIAL, 1st HEN, and COLOR SPECIAL, 3rd HEN, and 2nd PEN.

These winnings were made with **OTHER** birds after our annual clean sweep at **PROVIDENCE**, where we won 27 regular and special prizes on 13 entries, including **EVERY FIRST PRIZE (5), EVERY SHAPE, EVERY COLOR, and EVERY GOLD SPECIAL**, and **STATE CUP** for sixth successive year, and were also awarded **PROVIDENCE JOURNAL CUP** (value \$100) for the **BEST SIX RHODE ISLAND REDS IN THE SHOW**—to be won three times.

**HUNDREDS OF COCKERELS AND PULLETS THAT WILL BREED WINNERS FOR YOU**

Eggs from the Best Pens we Ever Mated.

Send Stamp for Mating List.

**RED FEATHER FARM, F. W. C. ALMY, Proprietor and Manager,**  
Box 22, TIVERTON 4 CORNERS, R. I.



# AMERICAN POULTRY WORLD

Published the First of Each Month by the  
AMERICAN POULTRY PUBLISHING  
COMPANY

58 Pearl St., BUFFALO, N. Y.

President . . . . . GRANT M. CURTIS  
Vice-President . . . . . A. O. SCHILLING  
Secretary-Treasurer . . . . . WM. C. DENNY

## SUBSCRIPTIONS

Fifty cents per year in advance. Five cents per copy. Ten cents per back number.

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Subscriptions can begin with any month.

Write your name and post office address plainly. If your Journal does not reach you promptly each month, kindly notify us.

When you request change of address give the old as well as the new address.

## EXPIRATIONS AND RENEWALS

The AMERICAN POULTRY WORLD is discontinued at the completion of the subscription term by order of the postal authorities. This notice will be marked with a blue X when your subscription has expired. We solicit a prompt renewal. Please do not delay.

## 45,000 COPIES PER MONTH

It is positively guaranteed that during the year ending April, 1914, the AMERICAN POULTRY WORLD will circulate an average of forty-five thousand (45,000) copies per month. All advertising contracts are based on this circulation.

## ADVERTISERS GUARANTEED

We guarantee our subscribers against loss due to fraudulent misrepresentation in any display advertisement appearing in the AMERICAN POULTRY WORLD, providing the subscriber when ordering the fowls or merchandise, states that the advertisement was seen in the AMERICAN POULTRY WORLD, and places the order during the month or months in which the advertisement appears in our columns and promptly notifies us of the fraudulent misrepresentation of the advertiser, giving full particulars.

AMERICAN POULTRY PUBLISHING COMPANY

Advertising Rates Made Known on Application

Entered at postoffice, Buffalo, N.Y., as second class mail matter

# CONTENTS, MARCH, 1914

FRONTISPIECE.	Owen Farms White Orpingtons	
PROGRESS IN COLOR AND TYPE OF THE WHITE ORPINGTON	M. F. Delano	341
ILLUSTRATION		342
THE SUPREMACY OF THE PURE BRED FOWL	T. E. Quisenberry	343
ILLUSTRATION		344
ARE PENCILED VARIETIES DIFFICULT TO BREED	T. W. Harwood	345
ILLUSTRATION		346
THE GRAND OLD BRAHMA	F. M. Prescott	347
ILLUSTRATION		348
FIVE THOUSAND DOLLARS FROM EIGHTEEN HUNDRED HENS	O. W. Mapes	349
ILLUSTRATION		350
THE PRACTICAL POULTRYMAN AS DOCTOR OF AVIAN DISEASES	C. L. Opperman	351
ILLUSTRATION		352
ILLUSTRATION		354
THE CLASSES AT THE BOSTON SHOW	Wm. C. Denny	355
ILLUSTRATION		356
THE PITTSBURGH SHOW	Wm. C. Denny	357
EDITORIALS		358

Mr. Drevendstet is to make other connections. Appears to be a matter for international regret. Sounds as though some overworked reporter had been hitting the pipe. New candidates suggested for A. P. A. honors.

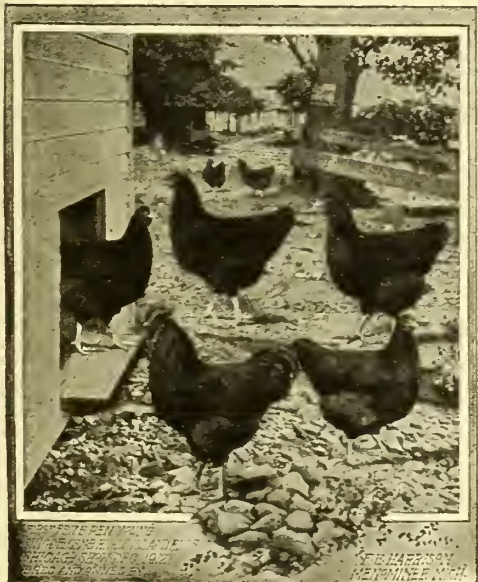
EDITORIAL NOTES AND COMMENT	Wm. C. Denny	370
STANDARD BRED FOWLS		380
THE BALTIMORE SHOW		382
COMMERCIAL FATTENING OF POULTRY		384
THOSE MISSOURI HENS		388
EVERYBODY'S COLUMN		390
POULTRY WORLD AFFAIRS		392
CONTINUATION BOSTON SHOW REPORT	Wm. C. Denny	407
QUESTIONS AND ANSWERS		429
CLASSIFIED ADVERTISING		435
INDEX TO ADVERTISERS		441

## 45,000 FOR MARCH, 1914

E. D. Corson, Secretary-Treasurer of the Corson Manufacturing Co., printers and binders, being first duly sworn, states that that company has a contract for and is printing and binding forty-five thousand (45,000) copies of the March, 1914, number of the AMERICAN POULTRY WORLD.

GEO. E. FITZSIMMONS, Notary Public.

# F. E. Harrison's Champion Single Comb Rhode Island Reds



Have for years demonstrated that they are the one strain that stands out ahead of all others.

At Chicago, 1913-14, "Royal Reds" won in the largest class ever shown, forty-nine exhibitors showing a total of 270 birds and in the largest class of cockerels ever shown in America, (106), as follows—1st and 4th cock; 2nd and 5th hen; 1st and 5th cockerel; 1st, 2nd, 3rd and 4th pullet; 1st and 3rd old pen and 1st and 5th young pen; every color special; every shape special; every championship; elegant watch offered by the Association for the best display and the Western Rhode Island Red Club of America Cup offered by the Club, both Rose and Single Combs competing.

**Note This:** I am the only exhibitor that has won in all six classes in one showing. Twice have I accomplished this feat.

Twice have "Royal Reds" exhibited personally by me won 87 points on best display at the Great Coliseum Show of Chicago. No other exhibitor has ever won this number of points before. Therefore, "Royal Reds" have the distinction of on two different occasions winning the greatest number of points ever given at Chicago.

**More facts of this world's greatest show of Chicago, are as follows:** At Chicago I have won twice as many first prizes on Old Pens as all other exhibitors combined.

Twice as many first prizes on young pens as any other competitor.

Twice as many first prizes on cock birds as any competitor, and more points on cock birds at the last two shows than all other exhibitors combined.

I have won more places on cockerels at Chicago the past four years than any other competitor, and hold the world's record for winning 1st Cockerel in the largest class ever shown in America.

**Very Important:** I have won more points on males (Cockerel and Cocks) on hens, pullets and pens, at the last two Chicago Shows than any other competitor. Therefore, "Royal Reds" outclass all others in winning the largest numbers on males, females and pens than any others.

**Note This:** I have won three times as many points on pullets at Chicago in the past two years than seventy-two competitors combined.

At Chicago, 1912-13, I won 1st, 3rd and 4th cock; 2nd and 3rd hen; 4th cockerel; 1st, 2nd and 3rd pullet; 1st and 2nd old pen and 1st young pen.

To think of a world's record is to think of "Royal Reds."

I have every first prize (eight in number) winning males from the last two Chicago Shows. My egg offer is the best opportunity in all America to start in Single Comb Reds.

2000 head of cocks, cockerels, hens and pullets, trios and pens for sale, rich in blood of these Chicago winners. Catalogue free, describing best pens ever put together.

F. E. HARRISON,

Box A.

MENOMINEE, MICH.



**The Genuine  
Cyphers Incubator  
Latest Improved—  
Dependable**



## "WHEN, WHERE AND HOW TO USE" CYPHERS ADAPTABLE HOVERS

TO BEST ADVANTAGE. THE ONLY FIREPROOF, LABELED AND INSURABLE  
BROODING HOVER ON THE WORLD'S MARKETS.

### THE RECENT SAMPLE REPORTS

These reports are published in the "Cyphers" department of the "Poultry" magazine, and are of great value to the poultry farmer.

REPORTS FROM USERS OF  
CYPHERS POULTRY FOODS  
RESULTS OBTAINED AND MANY SUGGESTIONS  
PRACTICAL, EVERY-DAY VALUE

## MATING AND SALES LIST 1914 Cyphers Company Poultry Farm ELMA CENTER, N. Y.

400 Main Line Poultry Farm, Buffalo, N. Y. (Established 1880)  
Form is in right of Elma Center Station about One-third Mile (South)

TO THE LEFT: Surplus  
"Sales List" of Standard  
Ore, closely called White  
Cyphers, or Cyphers  
are in "Poultry Farm."  
providing the selection of  
birds to be sold from the  
program.

### BULLETINS "CYPHERS COMPANY SERVICE" DEPARTMENT

No. 4

Back-Yard  
Poultry Keeping

### BULLETINS "CYPHERS COMPANY SERVICE" DEPARTMENT

No. 5

Green Food for Poultry

### BULLETINS "CYPHERS COMPANY SERVICE" DEPARTMENT

No. 15

Poultry Houses,  
Their Proper Construction

PUBLISHED BY  
CYPHERS INCUBATOR COMPANY  
BUFFALO, N. Y. U. S. A.

# Do "Custom" Hatching

**Every Spring Season** many Cyphers Company customers make large profits, and SAFE profits, by the ready sale of day-old chicks, and by doing "custom" hatching for friends and neighbors. What others HAVE DONE and are NOW DOING, you also can do, Reader, and our FREE PRINTED MATTER tells you how—tells you all you need to know about this splendid country-wide opportunity and tells it in a MORE HELPFUL MANNER than you can find the same reliable, detailed information anywhere else. To be able to SUCCEED WELL in your poultry work you need—you must have—a safe PLAN, correct RULES, trustworthy ADVICE and the RIGHT TOOLS with which to do the work. Cyphers Incubator Company is in a position to supply you with ALL THESE ESSENTIALS and we ask the privilege of doing so—and of doing it NOW.

## —YOU LIKEWISE CAN DO

### 1,700 Chicks "Mostly for Other People."

P. O. Box 635, San Marcos, Texas, June 29, 1913.

Cyphers Incubator Co., Buffalo, N. Y.

Have just wound up another successful year with Cyphers Incubators. From March 4th until May 1st, I hatched 1,700 chickens, mostly for other people. I am the only person in San Marcos who owns Cyphers Incubators, and my neighbors have come to believe that an egg that cannot be hatched in a Cyphers cannot be hatched at all. As for me, I am confident of this. They not only hatch the most chickens, but the largest and liveliest ones, too.

I set two Cyphers machines right along side by side with a ———— and a ————. Not only are the Cyphers Incubators the easiest to operate, but I get the largest hatches from them and the strongest and most vigorous chicks. My No. 1 Cyphers was bought late in the season, second-hand, and I only set it once, as the hatching season was about over, but got 99 chicks out of 100 fertile eggs and I raised every chick. So far as my knowledge goes, no incubator, other than the Cyphers, hatches such strong, healthy chicks. Those hatched by me in the other machines have died in large numbers during the first week, although they had the same treatment.

MRS. LOUIS ARMSTRONG.

### Mrs. Wright Sold Over 30,000 Chicks

So. Easton, Mass., July 14, 1913.

Cyphers Incubator Co., Buffalo, N. Y.

Three years ago I commenced hatching with one 390-egg capacity Standard Cyphers Incubator, and now I have ten (10) of your machines; two of them are of quite old design, having been made about ten years ago. All of the machines are well built and apparently will last indefinitely. Even the oldest machines are practically as good as new in every way.

From my experience I have found that there is no other make of incubators that will produce the same satisfactory results as will the Standard Cyphers. The system of regulating the machines, supplying ventilation and moisture, produces large, vigorous chicks, that live and thrive and develop into fine, large, healthy fowls. This season I have hatched and sold more than 30,000 chicks, and everyone who has received shipments from me has said that the chicks were fine and healthy in every way.

I breed Barred Rocks, Light Brahmas and Rhode Island Reds, and have worked up a large business in supplying day-old chicks from these popular varieties. I can hatch the chickens from these breeds so that they look like chickens a week old, when only one day old and that is why everybody likes them.

(Mrs.) A. M. WRIGHT.

**Free to All** Every piece of printed matter shown in this advertisement is FREE FOR THE ASKING (except 10 cts. in stamps for mailing Prize Contest Book) and our word for it, Reader, these booklets, large-sized circulars, sample bulletins and our big, 244-page, 1914 catalogue contain more down-to-the-minute, MONEY-MAKING, LABOR-**SAVING** information and suggestions than you can BUY ANYWHERE for a ten dollar bill. TEST OUR CLAIM by sending today—right NOW, for copies of those you have not yet received. REMEMBER that we have SIX PLACES OF BUSINESS in the United States and therefore can save you valuable time and freight charges. Address your letters and send ALL ORDERS to our place of business nearest you.

### Branch Stores and Warehouses:

New York, N. Y., 41 Barclay St.

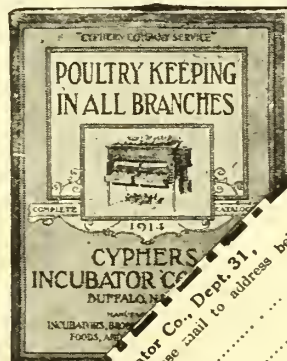
Boston, Mass., 12-14 Canal St.

Chicago, Ill., 329-331 Plymouth Ct.

Kansas City, Mo., 317-319 Southwest Blvd.

Oakland, Cal., 2127 Broadway

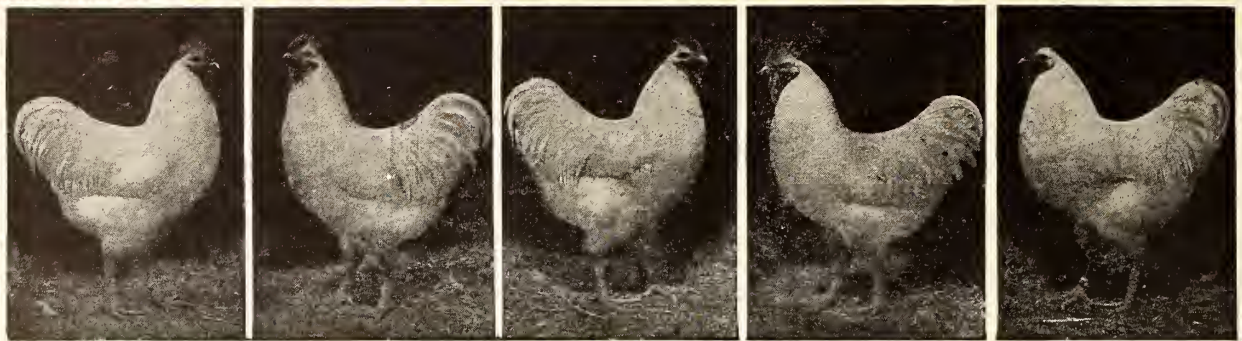
London, Eng., 121-123 Finsbury Pmt.



Cyphers Incubator Co., Dept. 31,  
Gentlemen—Please mail to address below copies of free printed matter as follows:

Also send me 176-page, \$1.00-00 Prize Contest Book for which find enclosed 10c in stamps.  
Name \_\_\_\_\_ Address \_\_\_\_\_





## Their Superiority Again Proven

Not being satisfied with the winnings made by our White Plymouth Rocks at 22 of the largest shows and 5 exhibitions, we have again proven the superior quality of our fowls by winning

**AT CINCINNATI, OHIO, DECEMBER, 1913**

Theo. Hewes and W. W. Zike, Judges

First, Fourth and Fifth Cock.

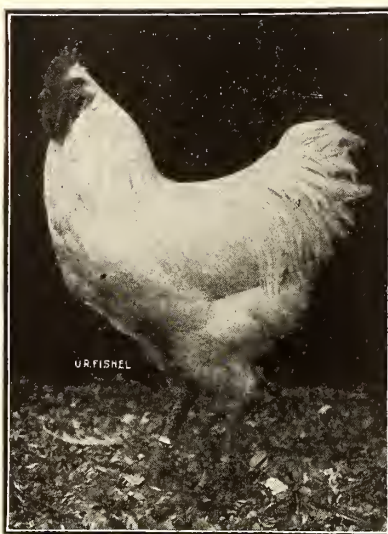
First, Second, Third, Fourth and Fifth Hen.

First, Second, Third and Fourth Cockerel.

First, Second, Fourth and Fifth Pullet.

First, Second and Third Old Pen.

First, Second and Third Young Pen.



FIRST PRIZE COCKEREL, HAGERSTOWN

Grand Special Best Display any and all varieties.

Silver Cup for Best 2 Cocks, 2 Cockerels, 2 Pullets and 2 Hens.

Silver Cup Best Display Plymouth Rocks.

Grand Championship Cup for Best Plymouth Rock Cock, also Hen, Cockerel, Pullet and Pen.

**THIS IS SURELY PROOF THAT**

## **U. R. Fishel's White Plymouth Rocks** "THE BEST IN THE WORLD"

Are better this season than ever before. Why fool your time and money away on fowls that can not give you results when you can buy line bred, farm reared, strong, vigorous fowls for the same price? We have over eight thousand to select from. Selected breeders and utility fowls that will come as near producing two eggs a day as any fowl. Send 25 cents for 64 page book telling all about our 120 acre Farm of White Plymouth Rocks.

Eggs, \$10 per 15. Sale Stock Eggs, \$10 per 100.

Baby Chicks \$25 per 100; \$15 per 50; \$8 per 25.

**U. R. FISHEL,**

**Box B,**

**HOPE, IND.**



# HURRY UP!

Place Your Order Right Away for

Barred  
Rock

**Pittsfield**

White  
Rock

## Day-Old Chicks

*Stock Never Better—Big Price Reductions*

You don't have to send any money with your reserve order, but by telling us *now* how many day-old chicks you will want and about *when* you will want them, we will make special efforts to meet your needs. Though our capacity is *one million chicks a year*, Pittsfield quality is so well known that practically every hatch is spoken for well in advance. Take our advice, therefore, and order now—today.

**All Chick Shipments made from  
our big 150-acre farm at  
Holliston, Mass. This brings  
our plant nearer to you.**

**We Guarantee Safe Delivery and Complete Satisfaction**

Search over the United States, you can't find stock equal to the Pittsfield strain in Barred and White Rocks for vigor, livability and heavy egg production. Pittsfield stock come from birds of pedigree—birds of known ancestry. For stamina, health, shape, egg production, Pittsfield stock stands top-notch. Baby chicks from such stock reach maturity safely, feather quickly and start out on a career of profit for the owners. Owing to our increased production we have reduced our prices over 27 per cent this year—for pure bred Pittsfield we are asking the same prices that are sometimes asked for scrubs.

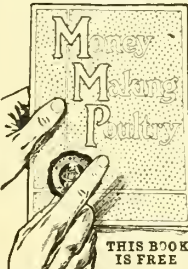
\$7.00 per 25 chicks; \$11.00 per 50 chicks; \$18.00 per 100 chicks. How many do you want? Which kind? When do you want them? Reserve your order now. Don't send any money.



### Eight-Weeks-Old Chicks

Suitable alike for the beginner or the experienced poultry raiser who hasn't the facilities and time to raise his own chicks. We make a specialty of eight-weeks-old chicks. These pullets are firmly on their feet, well feathered, big framed and vigorous and carefully selected. You have no losses through rats, leg weakness and other causes.

We can arrange for you to select the desired number of cockerels and pullets. Pullets bought now will start their big laying career in the early fall when egg prices are away up. We guarantee safe delivery. How many do you want? Write for our prices.



THIS BOOK  
IS FREE

### Four-Weeks-Old Chicks

Chicks that reach this age are well past the danger period and ought to reach maturity in large numbers. This is a safe way for beginners to start and for those who have not facilities for handling day-old chicks. Under our expert packing methods four-weeks-old chicks can be transported a considerable distance without loss or injury. At this age nature has culled out the weaklings, losses are very few and the chicks do not need such close attention in feeding as the day-olds. This is an ideal way for the inexperienced to get into the poultry business on an inexpensive, sure basis. Free booklet, "Money Making Poultry."

**PITTSFIELD POULTRY FARMS CO., 276 Main St., Pittsfield, Me.**



# WE ASK YOU TO TRY OUR FEEDING METHODS

**RAISING THE CHICKS** you hatch is the most difficult—also the most important part of your poultry work. The question of *whether or not* your poultry enterprise is to *show a profit* will be decided by the success you have in carrying the chicks through in safety and vigor from the incubator to the colony coop or fattening pen. If for any reason *you are not able* to raise the chicks—and the *right kind of chicks*—partial or total failure is unavoidable.

READER, we ask you to TRY THIS SPRING the "Cyphers Company Way" of feeding little chicks. We want you to know about the "deep-litter method" and to *profit by its use*. We are anxious to tell you what you should KNOW about the values of Mealed and Short-Cut Alfalfa, about sprouting oats, about the profitable use of High-Protein Meat Scrap, etc. This is ALL TOLD in plain terms in our 52-page FREE BOOKLET, "Poultry Foods and Feeding," which we will send to any address, postpaid, on request. Please write for YOUR COPY today—right now, before you forget it.

It has long been said that the "proof of the pudding is in the eating of it." The proof of the VALUE of Cyphers Sealed-bag, trade-mark brand, balanced-ration poultry foods *is in the feeding of them*—is to be found in the highly profitable results obtained by our thousands of customers who *use these foods annually* in raising their chicks with uniform success. Following is evidence:

## Recent Sample Reports From Customers

### "2½ LBS. AT ELEVEN WEEKS"

Cleveland, Ohio, September 25, 1913.

*Cyphers Incubator Co., Buffalo, N. Y.—*

A great aid to success in raising chicks is the use of your balanced-ration, ready-mixed poultry foods which I use in considerable quantities, especially Chick Food, Developing Food and Growing Mash. I find these Cyphers-brand foods to be free from dirt and waste material and my experience is that they are the cheapest foods on the market. My Orpington broilers averaged to weigh 2½ lbs. in eleven weeks throughout the whole flock. These results were obtained by following your printed directions, which are furnished complete in your booklet, "Foods and Feeding." Before using Cyphers Chick Food I lost a great proportion of the chicks. In future nothing but Cyphers Company products will be used by me.

DAVID I. SAWDEY, 2134 E. 107th Street.

### "NO TROUBLE WITH CHICK AILMENTS"

Plato Center, Ill., July 29, 1913.

*Cyphers Incubator Co., Buffalo, N. Y.—*

We use your balanced-ration poultry foods exclusively and have not had any trouble with white diarrhoea and other similar chick ailments. Our experience leads us to believe that poor brooding and improper feeding are the cause of most diarrhoea in chicks and there is no excuse for this when Cyphers Poultry Foods and Cyphers Brooding Hovers are used. We have used quite a few tons of your Chick Food during the past year and have not found a single particle of it that did not appear to be first-class in every way—quality uniform, no smutty grains, no waste, no foreign matter used for filling. All of your goods have given us excellent satisfaction.

MUIRHEAD BROS.,  
Per G. F. Muirhead.

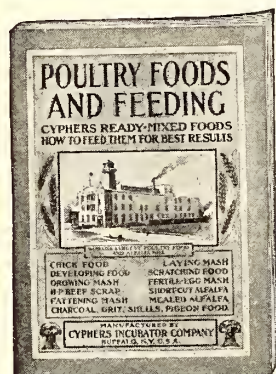
### "2-LB. BROILERS IN 11 WEEKS"

Nyack, N. Y., August 9, 1913.

*Cyphers Incubator Co., Buffalo, N. Y.—*

I have been delighted with the excellent results obtained by using your Cyphers balanced-ration, sealed-bag brand poultry foods. I get 2-lb. Barred Rock broilers in eleven weeks by following the "Cyphers System" of feeding. I find Cyphers Foods to be clean and sweet, with no bits of straw, pieces of wood or other foreign matter, which we often get when buying poultry foods at the local feed stores. Then again when we handle it in feeding the chicks it has the "feel"—the weight, quality and value are there. The other local foods are light and dusty by comparison and don't have the Cyphers feel. Just received a supply of Cyphers Growing Mash today and judging by the way my chicks went into it you would think they never before had anything to eat.

WALTER B. MANNING.



This Book Would be Cheap at \$5.00 Per Copy, Judged by Actual, Detailed Value of Contents. Tells How To Produce Broilers, Fryers, Roasting Chickens and Capons; Also Exactly How to Feed the Layers and Breeders. 52 Pages, 7x10 Inches. One FREE COPY on Request to Any Address.

### "SAVES TIME—CHICKS GROW FASTER"

Riverhead, N. Y., August 6, 1913.

*Cyphers Incubator Co., Buffalo, N. Y.—*

Am in the poultry business and making money out of it; do not know any business I like better. I use Cyphers balanced-ration poultry foods and obtain the best of satisfaction. Have tried the Cyphers plan of "deep-litter feeding" for little chicks and believe it is the best system in existence. It saves time and the little chicks grow much faster and are more healthy. I was able to care for a great many more chicks and to do so to better advantage. I have always found Cyphers Foods sweet and clean and the chicks eat it up without any waste. If poultrymen who are not making their venture a success will adopt the "Cyphers Way" of feeding and rearing their chicks, they will surely meet with success.

H. W. TUTHILL.

### "TON OF YOUR FOODS PER MONTH"

Kansas City, Mo., August 5, 1913.

*Cyphers Incubator Co., Buffalo, N. Y.—*

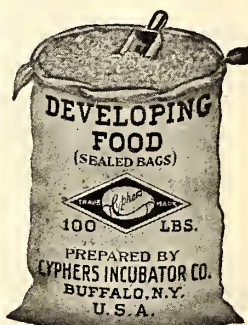
I am using Cyphers Sealed-bag brand poultry foods and they have given entire satisfaction. For the past five years I have used nearly one ton of your balanced-ration poultry foods per month, which is sufficient evidence as to how well they have pleased me. I find that the real feeding value is in Cyphers Foods and they do not contain waste material, musty grains or other objectionable matter, as do so many of the other prepared poultry foods offered to poultrymen. During the past year we made exceptionally fine winnings at the largest western and southern poultry shows and our birds were hatched in Cyphers Incubators, reared in Cyphers Brooders and fed on Cyphers Foods.

PINE VIEW FARM, W. R. Kendall, Prop.



### Cyphers Company's Chick Food

This 100-Lb. Bag will Feed 100 Newly-Hatched Chicks Four Weeks, or 50 Chicks Six to Seven Weeks. Price \$2.50 f. o. b. Buffalo, Boston, New York City, Chicago and Kansas City. Price f. o. b. Oakland, \$3.00. Order Sample Bag From This Advertisement.



### Cyphers Company's Developing Food

Medium-Granulated, Five-Grain Balanced-ration that Follows Chick Food. Should be fed to Growing Chicks between Ages of Six and Twelve Weeks. Before they are Given Whole Grain. Write Today for Prices f. o. b. our Nearest Place of Business.

**SEVEN PLACES OF BUSINESS:** Remember that we have seven places of business (six in the United States), which means that you can get quick deliveries from us and will save a large part of the transportation charges. Our Sealed-bag Brand of Balanced-ration Foods are sold also by MANY AGENTS, located throughout the country from the Atlantic to the Pacific, from Canada to Mexico. Write today for the name and address of our poultry foods selling agent nearest you. Address our nearest branch store and warehouse as follows:

**CYPHERS INCUBATOR CO.,** Dept. 742 Factory and Home Offices, Buffalo, N. Y.

BRANCH STORES AND WAREHOUSES } NEW YORK, N. Y. 41 Barclay St. BOSTON, MASS. 12-14 Canal St. CHICAGO, ILL. 329-331 Plymouth Court KANSAS CITY, MO. 317-319 Southwest Boulevard OAKLAND, CAL. 2127 Broadway LONDON, ENGLAND 121-123 Finsbury Pavement

Local Agents Wanted. No Capital Required. Write to Nearest Branch House.



# It's the Healthy Birds that Boost Poultry Profits —Why Not Have Them?

**Y**OU can now feed your entire poultry yard with a minimum of time and expense. You can raise *more* birds, keep them *healthier* and save money on feed.

Kentuco Poultry Ware makes this possible. It will save your time and give you the best possible insurance of serving the pure feed and water that make big, healthy, profit-making birds.

*How* you feed poultry is really more important than *what* you feed. The best feed is worthless if it reaches the birds polluted. It's impure feed and water that causes most epidemics in the poultry yard. Nothing affects the poultryman's pocketbook more keenly. You can guard against this with

## KENTUCO Poultry Ware

It's the ware that *really makes poultry profits* by protecting bird health and saving feed. Take for example the two-piece fountain shown to the left. This, like all Kentuco Fountains, is galvanized *after* it's made. There is no chance for rust.

Fill the reservoir, invert it, and the chicks are served a plentiful supply of clean water as fast as they consume it. They cannot get into the pan, and they cannot perch on the cone top and pollute it with droppings.

With Kentuco construction, you get top notch quality at no greater price than less worthy stuff.

For another illustration, take the jar fountain which we give away free. There are designs like this on the market, but it's just impossible to invert them without being splashed with water.

You avoid this with the Kentuco Jar Fountain. Send for it and note how the metal cap protects you.

Study the design of the Kentuco Food Hopper illustrated below. Feed cannot clog in this reservoir, neither can the tray become loosened, for the entire back, bottom and front is all one sheet.

There's always feed in the tray, yet the birds cannot waste it.

Birds cannot perch on the slanting top and pollute feed in the tray.

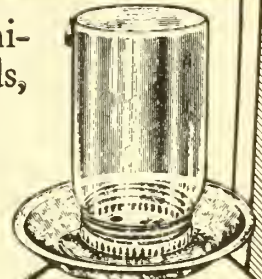
It's features like these that win preference for Kentuco Ware. Equip your entire poultry yard with Kentuco Ware. Every piece earns its cost quickly by either protecting health or saving feed.

### Write Us at Once

for our big folder that tells the money-making facts about poultry. Ask for Kentuco Poultry Ware from your dealer. If he does not carry it, we will ship you direct. In writing, please mention your county, as well as your city and state. Ask for the free Jar Fountain if you want it.

### Kentucky Stamping Company

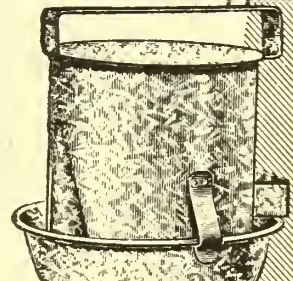
114 No. 15th St., Louisville, Ky.



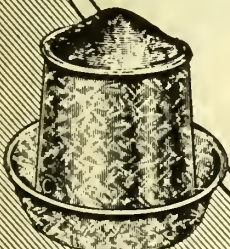
### FREE

#### Kentuco Jar Fountain

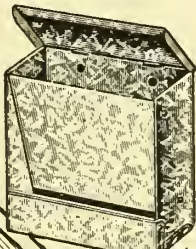
Simply screw the base onto any Mason jar. It's handy and practical. To introduce Kentuco Ware Construction, we send the base free if you will enclose 10c in stamps to cover postage and packing.



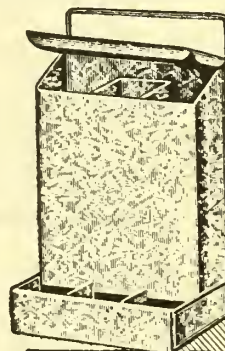
Kentuco Sanitary Wall Fountain  
Two pieces—detachable.  
You can clean the reservoir with a brush.



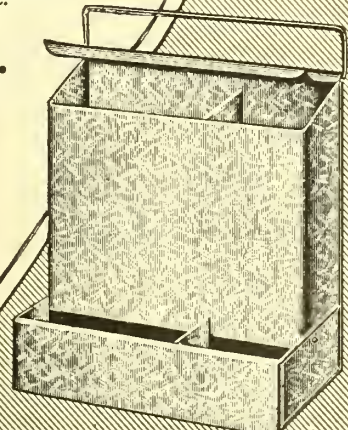
Kentuco Two-Piece Fountain  
Cannot leak or rust.



Kentuco Chick Feeder  
The result of 15 experiments, sturdily constructed—chicks cannot waste feed or pollute it.



Kentuco Grit Box—Feeds grit, shells and charcoal at the same time.



Kentuco Food Hopper  
Food cannot clog in reservoir—birds cannot waste food nor pollute feed in tray.



Kentuco Feed and Water Trough—Rounded bottom keeps feed in center. Top prevents birds wasting feed.



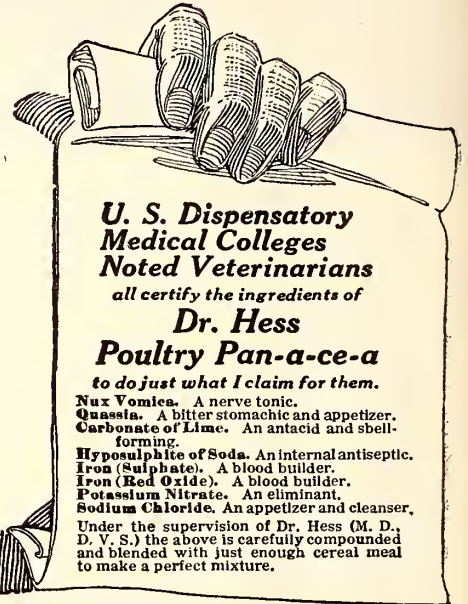
# I Will Tell You How to

## Make Poultry Healthy

## Make Hens Lay

## Make Chicks Grow

**GILBERT HESS**  
*Doctor of Veterinary Science*  
*Doctor of Medicine*



The crying need of the poultry raiser right now is healthy, fertile eggs for hatching. Mating time is the time of all times that poultry need a tonic and internal antiseptic to put them in the pink of condition—free from disease. Then you get healthy, vigorous chicks that stand a far better chance of reaching maturity. Your hens should be toned up and in the pink of condition right now. The egg organs should be active and responsive, the appetite good and digestion likewise; and let me remind you of one thing before the chicks do come—more than one-half the yearly hatch succumb to Gapes, Leg Weakness, Indigestion and Lice, and most of these can be avoided.

Being a doctor of medicine and doctor of veterinary science, twenty-five years ago I combined science with poultry culture. I have learned what poultry need to make them healthy; what hens need to make them lay, and what your chicks need to help them along to robust henhood. And now I urge you to start right in and feed your flock my prescription—

# Dr. Hess Poultry PAN-A-CE-A

**Not a Stimulant, but a Tonic**

In this scientific poultry preparation I have put every ingredient that my twenty-five years' experience tells me poultry need to make them well; that a hen needs to make her lay; that chicks require to make them grow. It cures Cholera; an excellent constitutional treatment for Roup; cures Gapes, Leg Weakness, Indigestion and the like. In my left hand I hold the formula of my Pan-a-ce-a, showing every ingredient, what each ingredient is for and certified to by the U. S. Dispensatory—one of the world's greatest authorities.

I absolutely guarantee that Dr. Hess Poultry Pan-a-ce-a will make your poultry healthy—will tone up the dormant egg organs and compel each hen to lay regularly—help

chicks grow—get fertile eggs for hatching and shorten the moulting period.

So sure am I that my Pan-a-ce-a will pay you and pay you well, that I want you to take the coupon below to my dealer in your town and he will give you a trial package absolutely free of charge. I have also authorized him to furnish you with enough Pan-a-ce-a for all your poultry, and if it does not do all that I claim, return the empty packages and get your money back.

Remember this, Dr. Hess Poultry Pan-a-ce-a is never sold by peddlers, but only by reliable dealers whom you know. 1½ lbs. 25c; 5 lbs. 60c; 25 lb. pail \$2.50. Except in Canada and the far West.

**Don't forget to get your trial package—it's free—take the coupon to my dealer in your town. If no dealer in your town, send us 5 cents in stamps to pay postage, give us the name and address of your dealer and we will send the trial package direct.**

**DR. HESS & CLARK, Ashland, Ohio**

### Dr. Hess Stock Tonic

Your stock need this tonic and laxative conditioner now. There's nothing better to put horses in trim for hard spring and summer work. Milch cows need it badly just now to prepare them for the heavy milking season ahead. Dr. Hess Stock Tonic makes all stock healthy—keeps them toned up and expels worms. Sold under a money-back guarantee, 25-lb. pail \$1.60; 100-lb. sack \$5.00; smaller packages as low as 50c. Except in Canada, the far West and the South. Send 2c for my new free Stock Tonic book.

### Dr. Hess Instant Louse Killer

Kills lice on poultry and all farm stock. Dust the hens and chicks with it, sprinkle it on the roosts, in the cracks, or, if kept in the dust bath, the hens will distribute it. Also destroys bugs on cucumber, squash and melon vines, cabbage worms, etc., slug on rose bushes, etc. Comes in handy sifting-top cans, 1 lb. 25c; 3 lbs. 60c. Except in Canada and the far West. I guarantee it.



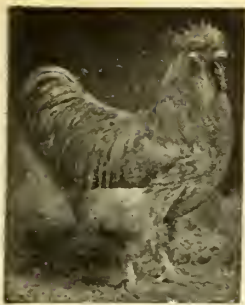
Name \_\_\_\_\_

Address \_\_\_\_\_

Please hand bearer of this coupon a trial package of Dr. Hess Poultry Pan-a-ce-a absolutely free—to feed 12 hens for 2 weeks. Also give bearer my free new poultry book,







1st Prize Cockerel, Madison Square Garden, December, 1911.



1st Prize Cockerel, Madison Square Garden, December, 1911.



1st Prize Cockerel, Madison Square Garden, December, 1911.



1st Prize Cockerel, Madison Square Garden, December, 1911.



1st Prize Cockerel, Madison Square Garden, December, 1911.

# 55 Out of a Possible 76 Firsts

AT MADISON SQUARE GARDEN (NEW YORK), BOSTON,  
PITTSBURGH, GREATER NEW YORK FAIR AND  
EXPOSITION and MEMPHIS THIS YEAR  
WERE AWARDED

## OWEN FARMS BUFF ORPINGTONS WHITE ORPINGTONS WHITE PLYMOUTH ROCKS WHITE WYANDOTTES and SINGLE COMB RHODE ISLAND REDS

Several other *firsts* went on birds of *Owen Farm's Strain*.

This wonderful percentage of *firsts* at *America's Leading Shows* is merely a repetition of past years and *Owen Farms' Records* at the shows where *Real Competition* is found stand alone and unequalled.

**OUR CUSTOMERS ARE TODAY OUR LEADING COMPETITORS AND WE ARE GLAD TO SHARE THE HONORS WITH THEM**

Every variety line bred for from nine to twenty years and no strains of recent origin can possibly have the producing value of the established flocks on Owen Farms. Weigh carefully every statement you read and comparison will show you the pre-eminence of my flocks.

*You may win without these blood lines, but, you will find it practically impossible if your competitor meets you with Owen Farms birds.*

### AS UTILITY BIRDS

These flocks each year have demonstrated their exceptional merit. Wonderful reports of high average egg yields come in from customers. One customer has reported 262 eggs laid in 290 consecutive days by a pullet bought of us, and many other reports are almost as good.

My flocks have perfect health, size, bone, substance and bodies with tremendous egg capacity. *Treat them well and they will do the rest.*

### 1914 MATINGS

Of all varieties are the best ever made on Owen Farms. My customers for *Eggs for Hatching* or *Baby Chicks* will receive remarkable value this year as Eggs and Baby Chicks have never been sold from birds of equal quality at prices approaching those I am making for 1914. Many orders are already booked and *early booking insures delivery at exact time you want them.*

EGGS from BEST MATINGS in the WORLD,	EGGS from CHOICE MATINGS. Better than
all varieties, \$10.00 for 15, \$30.00 for 50,	most sold at higher prices, all varieties,
\$50.00 for 100.	\$5.00 for 15, \$15.00 for 50,
	\$25.00 for 100.

BABY CHICKS from these MATINGS, \$1.50	BABY CHICKS from these MATINGS, 50c each
each in lots of 20 or more at one time.	in lots of 20 or more at one time.

My *ILLUSTRATED CATALOGUE* gives the History of the wonderful Owen Farms and the Owen Farms flocks.

My *1914 MATING LIST* describes the *Finest Matings in Existence* of my varieties.

A few grand Breeding Pens for Utility or Exhibition Breeding at prices you will gladly pay. State your exact requirements in your inquiry and, if possible, how much you wish to invest.

*I want your order, and remember your absolute, ultimate satisfaction means my permanent success.*

**MAURICE F. DELANO**

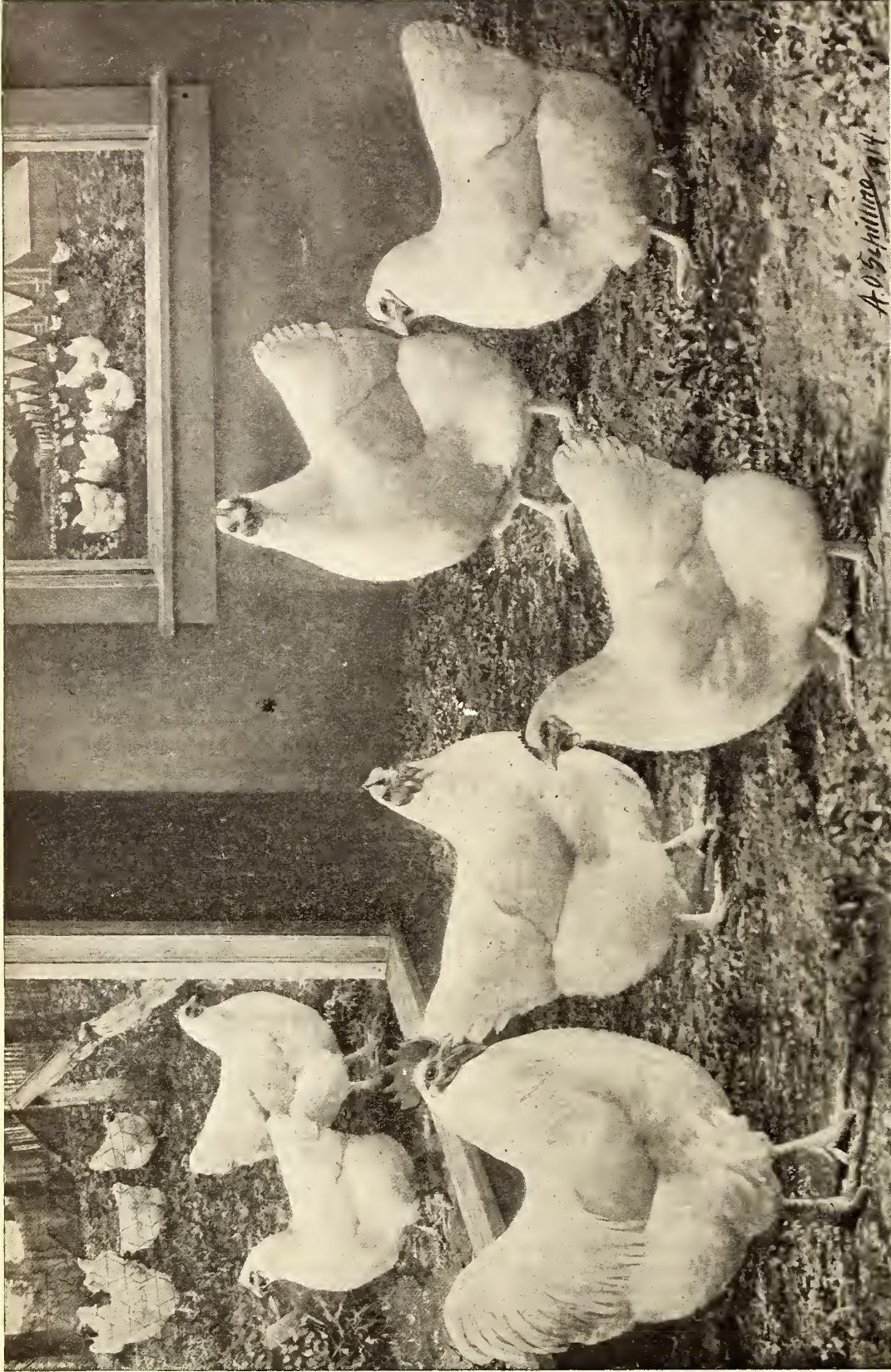
115 WILLIAM STREET,

MAURICE F. DELANO, Proprietor

VINEYARD HAVEN, MASS.

FRANK H. DAVEY, Superintendent





**THE** FIRST PRIZE PEN S.C. WHITE ORPINGTONS BOSTON, 1914  
Bred And Owned By M.F. DELANO Prop. OWEN FARMS, VINEYARD HAVEN, MASS.

White Orpingtons have shown wonderful improvement during the past few years. The classes at the recent New York and Boston Shows were of uniform high quality, the specimens individually being of high merit. M. F. Delano, proprietor of Owen Farms, Vineyard Haven, Mass., exhibited a very strong team at Boston, winning every first but one. His first prize cock and hen were birds of attractive Orpington type, being large and massive, deep and well rounded in body with beautiful white plumage. The first prize pen shown above was the best pen we have seen Mr. Delano exhibit. The hen in the foreground of the above group was winner first in the single class at Pittsburgh the week following the Boston Show, while the winning hen in the single class here was returned to the breeding yards to help supply the large egg trade which Owen Farms enjoy. Mr. Delano does not believe in showing one string of birds at all the shows at which he makes an entry as his supply of exhibition birds is large enough to enable him to exhibit a fresh string of birds at each show, as well as to supply his customers throughout the country with prospective winners.—A. O. Schilling.



# AMERICAN POULTRY WORLD

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MARCH, 1914

No. 5

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## PROGRESS IN COLOR AND TYPE OF THE WHITE ORPINGTON

ORPINGTONS IN THEIR NATIVE LAND NOT SUBJECTED TO AS RIGID STANDARD AS IN AMERICA AND HAVE NOT BEEN BRED AS CAREFULLY FOR COLOR AND OTHER FINE POINTS. IN THE HANDS OF AMERICAN BREEDERS THE WHITE ORPINGTON IS RAPIDLY APPROACHING THE STAY-WHITE STAGE. BELIEVES GREAT INJURY HAS BEEN DONE THE BREED BY OVER-ENTHUSIASTIC BREEDERS WHO HAVE PUBLISHED MISLEADING ADVERTISING.

BY MAURICE F. DELANO



O variety that has ever been taken up in dead earnest by our American fanciers has ever made greater progress towards perfection during five years time, than has the S. C. White Orpington since 1908. Over here we pay more attention to minor details than do our English brothers. I am not sure but they are nearer right in their judging than we are, but, as long as our American Standard is worded and construed as it is at present, we will continue to have our birds better in combs, lobes, eyes, color of shanks, and freedom from side-sprigs and stubs than will be the English bred birds.

In England, size and type come emphatically first in all judging, then color, and last the minor details. They have no disqualifications on that side for side-sprigs and stubs on legs, and if otherwise a wonder, it is possible for a bird to win first at the leading English shows that would be thrown out as worthless at the smallest show on this side. One tiny fleck of down between the toes of the finest bird that ever lived would disqualify under our Standard, unless the exhibitor saw it first and removed it. In England it would be counted a defect and judged as such. Which is the saner method of judging?

The fathers of the multiplicity of disqualifications for small things in our American Standard have their only justification right here in the fact, that sprigs, stubs and blue legs are far more prevalent among English Orpingtons than they are among our best flocks in America today, and when we import new blood we have this strong reversion

tendency to fight all over again. The day will never come when a small percentage of the chicks each year will not show these reversion disqualifications, but, the day is not far distant when the percentage will be no greater than it

is in White Leghorns, White Rocks, White Wyandottes, and all other varieties that have been bred many more years since the original crosses than has the Orpington. Any breed made up as was the Orpington of many constituent parts, some of which we know, and many of which we can only guess at, as all manner of short cuts were taken to produce them quickly, is bound to revert strongly to ancestral characteristics, and we as breeders should recognize, acknowledge, and face the fact.

The majority of small American breeders love to thoroughly understand a hard breeding problem and then buckle to and help work it out. Such a problem is offered them all in the color of the White Orpington. Great progress has been made the past five years and a few males are now white. This will give a firm base from which to work and the next two years will produce a revolution in color breeding, but an even longer period must elapse before entire flocks remain white as do the White Rocks and White Wyandottes of today. The breeders of these varieties went through fifteen years ago what our White Orpington breeders are going through today, and they won out. I bred both White Rocks and White Wyandottes when a goodly percentage of the males did not remain white, and I can state with absolute knowledge, that the White Orpington of today is progressing more rapidly in color than I feared it would a few years back.

[Continued on page 400]



FIRST PRIZE WHITE FAVEROLLE COCKEREL  
MADISON Sq GARDEN N.Y. DEC-1913  
DICTOGRAPH FARMS WEST NYACK, N.Y.

There are several prime reasons why White Faverolles should become popular in America. First, they are white in plumage, and second, because of their well-known utility qualities. Breeders of this variety have nothing but words of praise for their quick growing and maturing characteristics, also their wonderful laying ability. Among the classes at the recent Madison Square Garden Show we found some excellent specimens possessing both type and color. First prize cockerel shown in the above picture, also winner of first and special at Faverolle Club Show in England, was one of the best seen to date on this side of the water. K. M. Turner, proprietor of Dictograph Farm, West Nyack, N. Y., has purchased the finest specimens obtainable and will be in a position to supply a limited number of eggs for hatching from a few choice pens. The cockerel above mentioned will head one of the breeding pens, and considering the excellent vigor and fertility of this breed we hope to see more of this variety in this country in the near future.—A. O. Schilling.





FIRST PRIZE S-C BUFF LEGHORN PEN MADISON SQUARE GARDEN DEC. 1913.  
Bred And Owned By ROYAL FARMS LITTLE SILVER NEW JERSEY.

First prize pen has always been considered the most coveted prize among the Buff Leghorn exhibitors at the Madison Square Garden Show and for this reason breeders have exhibited their very choicest in this class in an endeavor to capture this honor. This year Royal Farms, Little Silver, N. J., were the fortunate ones and won first prize with a very fine pen. The females were very evenly matched in color, being free from smut in under color or peppering in tail and wing. The cock heading this pen was an unusually good one, having excellent type and rich, even color. This same male won first in cock class at the Palace Show in strong competition a few weeks previous. He looks like the right sort to use in the breeding yard and no doubt Royal Farms Buff Leghorns will continue to improve in quality through the use of such a good male as a sire.—A. O. Schilling.



# THE SUPREMACY OF THE PURE BRED FOWL

PURE-BRED FOWL VIGOROUSLY DEFENDED BY ONE WHO IS WORKING IN BEHALF OF A BIGGER AND BETTER POULTRY INDUSTRY. BELIEVES CROSS BREEDING SHOULD BE DISCOURAGED AND REGRETS THAT THE INDIVIDUAL RECORD FOR EGG PRODUCTION IS HELD BY A CROSS-BRED HEN. POINTS OUT THE ADVANTAGES OF PURE-BRED FOWLS, ALSO HOW CONSTITUTIONAL VIGOR MAY BE MAINTAINED. SEES NOTHING BUT MONGRELISM IN CROSS-BREEDING. THE LARGE BUYERS OF LIVE POULTRY FOR COMMERCIAL USE FAVOR PURE BRED FOWLS

BY T. E. QUISENBERRY, Director

Missouri State Poultry Experiment Station, Mountain Grove, Missouri



FROM the jungle fowl of antiquity to the highly developed Standard-bred fowl of today, marks an era of progress which has required years and generations of careful selection and breeding. Whereas the jungle fowl hen laid less than three dozen eggs per year, the modern pure bred hen that lays 200 and more eggs a year is no longer rare. One hundred pure bred hens at the Missouri State Poultry Experiment Station last year laid from 200 to 260 eggs each.

We are told on good authority that the average farm hen lays in the neighborhood of seventy-five eggs per year, or about twice the yearly production of the ancient jungle fowl. The average farm hen, sad to relate, is a scrub or mongrel hen, but a step removed from the jungle fowl, and not nearly as handsome. That she lays any more eggs than her progenitor is probably due to the fact that she lives under more favorable circumstances and has at least a trace of pure blood in her veins.

From the above, the reader may have already surmised that I have a deep personal grudge of long standing, against every hen and her brother, who are unable to look the world squarely in the eye and proclaim vociferously that they are pure bred Plymouth Rocks, or Wyandottes, or Leghorns, or some other of our many excellent breeds of poultry. Like the Missouri mule, they are "without pride of ancestry" and, like him, I would that they might also be "without hope of posterity."

## SCRUBS INTOLERABLE

If there is a single logical reason why a single scrub hen should be tolerated on a single farm in this broad land of ours, I have been unable to locate it. Take for instance, the matter of egg production. Seven hundred hens at the Missouri Poultry Experiment Station last year averaged one hundred hundred and forty-three eggs each, or twice the average of the ordinary hens. These seven hundred

were all pure bred and represented twenty varieties, some of which are neither intended nor adapted for egg production. Yet the average of ALL of them was twice that of the average farm hen. I consider it well within the bounds of reason to say that if all the hens in the state of Missouri were pure bred, that fact alone, if neither the present methods of housing, care or management were improved, would add not less

than twenty million dollars a year to the income of the poultry raisers of this state! What would be the result of banishing the scrub hen from all the states? I am not mathematician enough to compute.

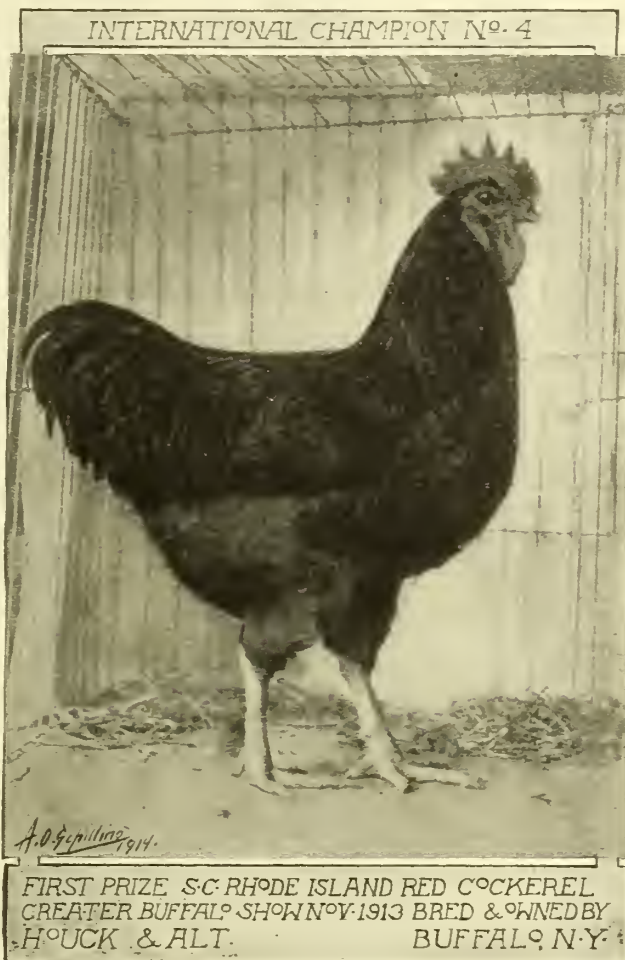
## CROSSING PURE-BRED VARIETIES

"What about crossing two pure bred varieties in order to increase egg production?" I hear someone suggest. I am immediately reminded of the now famous Oregon hen, which recently laid 303 eggs in one year from the day she laid her first egg. No one can be more willing than I to give "honor where honor is due," and to Prof. Dryden is certainly due great honor for having produced this wonderful living "egg machine." My hat is off to Prof. Dryden, and my hand is outstretched to congratulate anyone who can pull off a stunt like this whether it be with a cross bred or even a dunghill or a whatnot, but I have no words with which to express the sorrow which I felt, however, upon learning that she was a cross bred hen. I believe he could have produced as good results without having made the cross. In other words, I feel pretty sure that this hen made a wonderful record because of other principles involved in his method of selection and breeding and not because of the fact that this hen was a cross bred hen.

## WRONG IMPRESSION

From some of the statements which I have seen quoted and credited to Prof. Dryden, and some statements I have heard others make, I have been led to feel that they believe that if we expect to continue to increase our egg yield and breed 300-egg

(Continued on page 396)



Ideal type and standard color are the two most important considerations in the breeding and mating of pure bred poultry for show purposes. To combine these two qualities into one specimen should be the aim of all breeders. In general the majority of young stock will lack in one or the other to a certain degree. We have watched the breeding of different strains of Rhode Island Reds, and have noted that one may excel in color while the other may have fair color and good shape. The successful breeder is the one who understands his flock and mates carefully to blend the two qualities together to the highest state of perfection and to this class of breeders we assign the firm of Houck & Alt, Buffalo, N. Y. Their birds possess shape with the richest of color and their past record is good proof of this. This season they have supplied winning cockerels for 17 different shows. They have won first prizes on cockerels at Buffalo four years in succession, also first pen three years in succession. The cockerel above is true to type specimen of the breed and will undoubtedly be another great producer as were his sires and grand-sires.—A. O. Schilling.





At no other show in the world is there such a gathering of quality as is found each year in the Barred Rock Alley at Madison Square Garden and at no other show is the same interest shown in the exhibit. For many years E. B. Thompson, Amenia, N. Y. has exhibited his "Imperial Ringlets" at this great show and each year they have made a remarkable record. At the recent Garden Show Mr. Thompson won 1-2-3-4-5 cockerel; 1-4 cock; 5 pullet and 1-3-4 exhibition pen and many specials. In the above illustration is shown the winning pen also the cockerel heading the second prize pen, These two prizes have been won by the Imperial Ringlets three years in succession.



# ARE PENCILED VARIETIES DIFFICULT TO BREED?

MANY PEOPLE HAVE WRONG IMPRESSIONS IN REGARD TO BREEDING PENCILED VARIETIES OF POULTRY. LIKE SOLID COLORED FOWLS THEY MAY BE PRODUCED FROM SINGLE MATINGS. SILVER PENCILED WYANDOTTES SERVE AS A GOOD ILLUSTRATION. TOO MUCH VALUE PLACED ON UNDER-COLOR, SURFACE COLOR THE OBJECTIVE POINT. SOME SUGGESTIONS FOR COLOR MATING AND VARIOUS POINTS IN BREEDING THAT SHOULD BE OF VALUE TO BREEDERS OF PENCILED VARIETIES

T. W. HARWOOD, PEMBROKE, N. H.



THE superior beauty of penciled and laced fowl is attested by the way in which they arrest the attention of visitors at poultry shows. Many enthusiastic admirers, however, are deterred from adopting the birds they like best because of certain ill-founded prejudices. Some think that beautiful birds are not practical. There seems to be an impression abroad that in order to grow well, lay well and be good to eat birds must either be solid colored or look like barnyard mongrels. One has heard poultrymen turn visitors aside from exhibits of these birds by statements that they are delicate or that they are excessively inbred.

Probably there are but few readers of this journal who are not aware that birds of the beautiful parti-colored varieties have given an excellent account of themselves in utility contests open to all comers. The penciled Rocks and Wyandottes are in no sense freaks or purely fancy birds, but may be placed among the useful all-purpose, American breeds.

## DOUBLE MATING UNNECESSARY

Those who have had some poultry experience are more likely to be influenced by objections on the ground of difficulty in breeding them. That they must be produced by double mating and that the color markings can only be held by expert knowledge in mating them are the prevalent suppositions. This article proposes to show that double mating is not necessary and that the matter of mating for color is much simpler than is commonly supposed, at least in the case of Silvered Penciled Wyandottes. Breeders of Dark Brahmas, Penciled Rocks, of the Partridge varieties; Laced Rocks and Wyandottes may also find points of interest in this discussion.

A recent article by the writer on "The Problem of the Pullet Breeding Male" pleaded for recognition in the shows of males having a light undercolor. It was contended that the words "bluish white" in the Standard distinctly admit the light undercolor required for a pullet breeder, while judges continue to require the "dark slate" undercolor of the old Standard. Experience has shown that the dark under-colored male will not produce many good pullets and that while he will produce dark striped cockerels, they are likely to be brown or brassy in the white sections. From males of this description, even when they had the mottled breast and frosted thighs generally recommended for pullet

breeding, the writer obtained females that were three-fourths culls. By using light under colored males a majority of well penciled pullets was the result.

## FAVORS LIGHT UNDERCOLOR

At the last Boston show the ribbons went to the light under-colored pullet breeding males. F. W. Rogers of Brockton, Mass., one of the most experienced breeders of penciled birds and a poultry judge of repute, gave his unqualified endorsement to this type, telling how he had tried it out years ago with Dark Brahmas. Statements by other breeders showed that many are coming into line. A pen of English S. P. Wyandottes, exhibited on the stage by Mr. Clem Watson, aroused the curiosity of the fanciers and we were interested to discover that the male had the light undercolor here advocated. Curiously enough he had some of the minor faults that often go with that type among American birds, a little white in upper web of wing feathers and some suggestions of white in tail. The

quality of the pullets in this pen indicates that English breeders have been following this single mating plan to good purpose.

## THE PULLET BREEDING MALE

With the true pullet breeding male recognized in the shows, it is plain that this breed is on a single mating basis. Not only is double matings unnecessary but it is a positive disadvantage. With the disappearance of the double-mating handicap and the removal of uncertainty as to the characteristics of the pullet breeding male must also vanish that other bugaboo as to the necessity of some occult or expert knowledge to mate them so as to hold the color markings. By the use of males such as have been described making only such modifications in selecting males as the variations in type and color of the females call for, flocks of good penciled females can be produced with no greater proportion of culls than appears in other breeds.

As in all breeds the individual peculiarities of the female should be offset by the special qualities of the male with which she is mated so far as possible. The adjustment of these differences in selecting matings, raises many interesting questions.

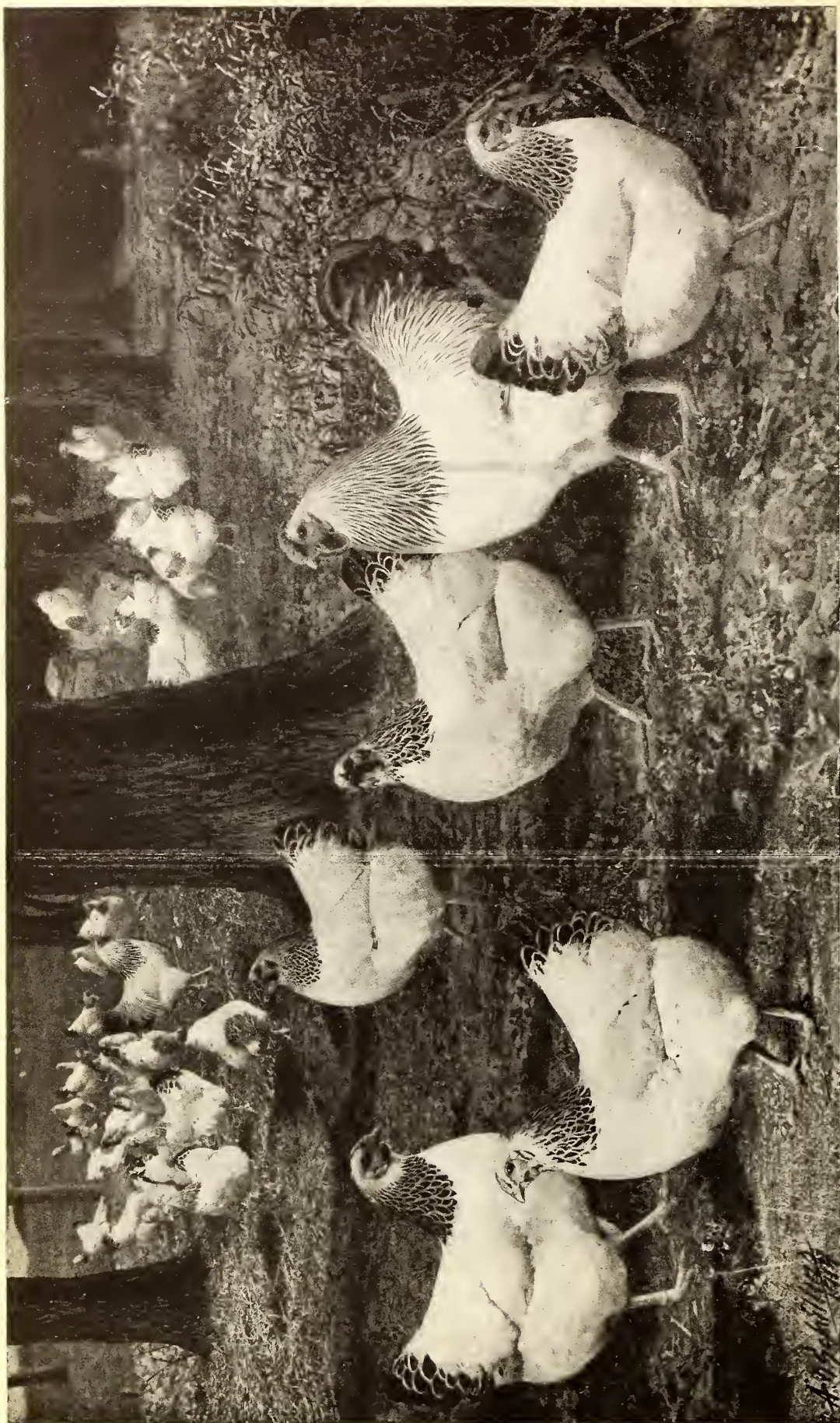
Is under-color an object of breeding? In Silver Penciled Wyandottes it certainly should not be so regarded. The Standard should not make it so. The surface color should be the objective

(Continued on page 405)



At the meeting of the American Houdan Club, held at Boston this season, 157 Houdans were exhibited, which is indeed very encouraging for the breeders of this grand old French breed. It was a truly representative meeting and the very choicest quality was to be found among the different classes. Eleven pens were shown in competition and the above cock headed the winning one. He was large and vigorous, with a sufficient amount of snappy white mottling to make him very attractive. Jas. Abernethy, West Pembroke, Maine, also won first prize on hen with a gem of this variety. This flock of Houdans is one of the choicest in the country and always manages to hold its own in the very keenest competition. From present indications Houdans are becoming more popular each year which is as it should be, for they are really one of the useful as well as ornamental fowls of America.—A. O. Schilling.





COLUMBIAN WYANDOTTE WINNERS. AT PALACE SHOW, NEW YORK, DEC. 1913  
 FIRST PRIZE COCKEREL AND PULLETS FROM SECOND PRIZE PEN OWNED AND EXHIBITED BY  
 WILBURTHA POULTRY FARM TRENTON JUNCTION, NEW JERSEY

Wilburtha Poultry Farm, Trenton Junction, N. J. is one of the largest and most successful farms in America making a specialty of Columbian Wyandottes and Columbian Plymouth Rocks and their records at last season's shows are good evidence that these two beautiful breeds are being carefully and scientifically bred by them. Their winnings on Columbian Rocks at Madison Square Garden was first cock, first hen, third cockerel and first and fourth pullet. At the Palace, New York Show, in a very strong class of Columbian Wyandottes they won first and fourth cockerel and second prize pen. The first cockerel at the latter show is illustrated above, surrounded by pullets from second prize pen. The yard was entered for display pen at Madison Square Garden and attracted much attention. The cockerel is an exceptional specimen of Wyandotte type. He is well proportioned, full and round in breast, with a pair of well formed legs that set well under him, giving that vigorous attractive form and style which counts for so much in a perfect show specimen. The pullets were also of unusual merit, possessing excellently marked wings and tail coverts with good clean laced hackles. With such quality as this to use in the breeding yards, Wilburtha Poultry Farms should be able to continue producing winners and add to an already fine show record. — A. O. Schilling.



# THE GRAND OLD BRAHMA

THIS ONCE POPULAR VARIETY, MORE OR LESS NEGLECTED IN THE CRAZE FOR NEW BREEDS, AGAIN GAINING POPULAR FAVOR. WELL-KNOWN BREEDER REVIEWS THE SITUATION AND INCIDENTALLY GIVES THE BREED A BOOST. WINTER LAYING QUALITIES RECOGNIZED FOR MANY YEARS. UNEQUALED FOR SMALL OR BACK LOT BREEDERS. QUIET, DOCILE AND STAND CONFINEMENT WELL

BY F. M. PRESCOTT, RIVERDALE, N. J.



BRAHMA Boom is on, there is no doubt about it, especially in the Light colored variety. Take three or four of the leading shows this winter and we find the classes more than doubled over the last few years. The "Palace" New York had 51 singles entered and Madison Square Garden had also 51 singles entered as against 31 last year, and at Boston there were 137 singles and 17 pens in the largest and strongest class shown within the memory of the oldest veterans of the breed.

This show at Boston was the annual club meet and the best breeders of the country were there in competition, in fact we noticed birds there from Kansas and Wisconsin and both entries took prizes, showing they have good birds in the West as well as the East. In fact a lot of good birds which had been winning everything at New York and Philadelphia had to go to Boston to get beaten, which testifies as to the strong class of birds exhibited there.

The question naturally arises, why all this sudden activity in Brahmas? and I can do no better than quote the remarks of various breeders of Brahmas with whom I came in contact at the Boston Show. They one and all said the past year was the best in a long time in business for Brahmas. One well known breeder said he had shipped 21 yearling cocks this fall and another party said he was long ago sold out of surplus stock, though he had raised the usual number of birds. Speaking for myself, I breed besides Brahmas, White Leghorns, R. I. Reds, White Wyandottes and Barred Plymouth Rocks, four of the most popular breeds going. I raise about the same quantity of each annually and in as good quality as the Brahmas, neither do I push one breed to the disadvantage of the other, and I want to say that the demand for Brahmas outdistances that of any of the other breeds and in some cases is double. I never have any hold overs for next season and my great concern is to raise enough Brahmas to supply the demands.

Since November I have had a steady demand for hatching eggs, and have shipped every month, as well as day old chicks; from the character of the orders there can be no doubt but that this midwinter demand for Brahma eggs and chicks is for broilers and soft roasters, a trade to which the Brahma is admirably adapted. The large frame of the Brahma takes on flesh rapidly and under normal conditions in care and feed will make a pound a month until matured, the males easily weighing ten

pounds at ten months and the females eight pounds. Matured cocks weigh 12 lbs. and the second prize cock at Boston this year weighed 14 lbs. Matured hens weigh from 9 to 12 lbs.

Another source of demand are males for caponizing, a sixteen months capon weighing 16 to 18 lbs. and is equal in quality if not superior to the finest young hen turkey for roasting. Many of my customers yearly send for Brahma males for crossing on the intermediate American breeds in order to raise a crossbred fowl for caponizing and market purposes, though for what reason, personally I cannot see, as the Brahma, being the largest and heaviest of all the standard breeds of fowls can only lose in size by crossing with smaller breeds of fowls and the maturity of such cross bred fowls is no more rapid than the Brahmas alone. In fact I do not know of any breed that

will take on flesh faster than a pound a month in growth and weight and which the Brahma will do under normal conditions.

Right here I would remark that there is hardly one of the so called American breeds which does not have Asiatic or Brahma blood preponderating in its veins. Columbian Rocks and Columbian Wyandottes are very strong in Light Brahma blood and the Silver Penciled Wyandottes and Rocks are more than 50 per cent. Dark Brahma blood.

The American Standard of Perfection for the above breeds is identical in color to that described for the Light and Dark Brahmas. All four of these breeds have been strong from the start and we see larger classes of them yearly in the shows. This can largely be traced to the many good qualities they inherit from the Brahma side of their parentage.

The Brahma being one of the few pure breeds and having been bred to the present standard for more than fifty years, it is one of the easiest breeds for the novice to breed and get show quality with few culls. I venture to make the statement that in the Brahmas there are less culls on account of improper feathering than in any of the other parti-colored breeds. My own percentage of such culls is less than 5 per cent.

This article would not be complete without a few words as to the egg laying qualities of the Brahma. As stated earlier in this article I have four of the most popular breeds besides the Brahma and have had ample opportunity to try all these breeds out side by side as to egg production and I am pleased to state that about the only handicap of the Brahmas over the other breeds is that the

[Continued on page 433]



L. E. Merihew, Marathon, N. Y., has been breeding S. C. Buff Leghorns for many years and during this time he has produced many winners in strong competition. We recall some exceptional specimens exhibited by him at Madison Square Garden, Buffalo, Rochester and Syracuse Fair in past years. This was at the time the writer was also breeding a few of this worthy variety and having been a competitor we can appreciate the superior quality of Highland Farms Buff Leghorns. The cock shown in the above picture was winner of first prize and shape special at the recent Garden Show, and we admired him very much. It made us feel like owning a few of the old favorites again, for he surely was one of the kind we would like to own and to use in the breeding yard.—A. O. S.





FIRST PRIZE PEN BUFF ORPINGTONS MADISON SQUARE GARDEN, N.Y. DEC-1913  
BRED AND OWNED BY HUGH A. ROSE FORT HILL, ONTARIO.

Buff Orpingtons have enjoyed a steady growth in popularity until the interest shown in these classes at most of the poultry exhibitions is very keen. At the recent Madison Square Garden Show, Buff Orpingtons attracted much attention and many good sales were transacted. Hugh A. Rose, Fort Hill, Ontario, Canada, who won best exhibit in this variety man, many sales and also booked numerous orders for eggs from his "Hardy Canadian-Bred Orpingtons" in both Buff and Black varieties. His first prize pen created much favorable comment and were pronounced by many "the best match a pen ever shown at the Garden." In fact, they were very "even throughout" possessing a rich golden buff surface, excellent pen development, the male heading this pen was one of the best colored Orpington cocks seen, very smooth surface, while the under color had unusual strength to the base of the feather. Mr. Rose's Buff and Black Orpingtons have made a wonderful record at Madison Square Garden, New York, Chicago, Coliseum and Pittsburgh Shows. It is safe to say, considering the many winners contained in the breeding yards at Fort Hill, Ont., that the "Hardy Canadian-Bred Strain" will produce a good percentage of prospective winners for the coming season. —A. O. S.



HEREWITH IS GIVEN THE RESULTS OF A TWELVE MONTHS CONTEST BETWEEN EIGHTEEN HUNDRED HENS AND A REPRESENTATIVE NUMBER OF COWS. WHILE THE PROFITS FROM THE HENS EXCEEDS THAT FROM THE COWS BY OVER THREE THOUSAND DOLLARS, THEY ALSO REQUIRE LESS LABOR. HENS FAILED TO PRODUCE PROPERLY DURING THE PERIOD OF HIGH PRICES, GREATLY REDUCING THE GROSS INCOME. COWS AVERAGE, \$160.00 PER HEAD—FIFTY-EIGHT HENS REPRESENT AN EQUAL INCOME

The cows have averaged about \$160 each for milk and veal, so that it can not be claimed that this contest is not a fair one on account of the cows not having good care. They were practically dry during the months of lowest prices and were all in full flow during fall and early winter months when prices were at the top notch. This helps to make gross returns large, but also makes heavy grain feed bills, as they need-

I know certain professors, etc., who are on the public pay roll and expected to give advice as to how to do it to all inquirers, tell us how it should be done, to the best of their ability. Just now most of them are advising us to breed from sons of high producing mothers. Well, I



(Continued on page 379)





WHITE WYANDOTTE WINNERS AT BOSTON SHOW JAN. 1914  
FIRST PRIZE COCK, FIRST PRIZE HEN, FIRST AND SECOND PRIZE PULLETS  
JOS. RUSSELL  
TORONTO, ONT. CANADA

In view of the fact that a majority of the best show specimens have been tried out at earlier shows many breeders of White Wyandottes consider a winning at Boston more difficult than at Madison Square Garden, and the tendency has been to meet for Championship honors at Boston. We have seen many a Garden winner go down to defeat here, a circumstance that has made the White Wyandotte alley at Boston one of the most interesting places at the show. This season Jos. Russell of Toronto, Canada caused a sensation by winning every first prize except one with his grand string of Wyandottes. In addition to the blue ribbons, he also won numerous other places, with birds of rare quality which easily gave him the display prize by a large margin of points. First prize hen is shown to the left of above picture in a characteristic pose, beside her is first prize cock with first and second prize pullets in the background. First prize hen was the center attraction of the Wyandotte alley. She was exquisitely modeled, each section blending into the other with perfect harmony of curves. She carried herself as a model at all times and was pronounced the best hen shown in many years by many of the breeders present. First prize cock was another good one and in the opinion of many, he embodied the correct length of body and fulness of breast to make a useful and beautiful looking fowl.—A. O. Schilling.



# THE PRACTICAL POULTRYMAN AS A DOCTOR AND SURGEON OF AVIAN DISEASES

SENSIBLE PREVENTIVE MEASURES THE ONLY HOPE IN COMBATING POULTRY DISEASES. NATURE'S LAW, "THE SURVIVAL OF THE FITTEST," ALWAYS AT WORK. FRESH AIR AND SUNSHINE NATURE'S GREATEST DISINFECTANT. WHAT THE POULTRYMAN'S MEDICINE CHEST SHOULD CONTAIN. DISEASES REQUIRING MEDICAL AND SURGICAL TREATMENT. DISEASES OF CHICKS. HOW OPERATIONS ARE PERFORMED

BY C. L. OPPERMAN



HAVE always maintained that any live stock industry which bases its progress on the use of drugs, serums and anti-toxins can never expect to achieve any marked success in the production of strong, vigorous animals. In fact such an undertaking must eventually fail since nature's rigid law, "The survival of the fittest", does not countenance any such procedure in the building up of a race of fowls or animals. While it is conceded that in general the above statements hold good, it is at the same time obvious that observation and practice have thoroughly demonstrated the necessity of the judicious use and application of various forms of drugs and medicines in the modern twentieth century husbandry. These substances should occupy an important place in the methods of the present day poultryman for it is by their help that he is able to guard against disease, check sudden outbreaks and treat ailing individuals which may be of great value to him in the show room and breeding pens. It is therefore, very essential that he have a practical working knowledge of the cause, symptoms and treatment of the most prevalent diseases that affect the feathered family, and it was with this thought in view that the present article was developed.

## PREVENTION THE KEY TO SUCCESS

As dropping water is said to wear away stone, so is repetition necessary in order to press home a truth, and regardless of what may be said later on, the writer at this time wishes to impress upon the reader that it is only through sensible preventive measures that we can ever hope to cope with the ravages of the numerous poultry diseases. In the wild state, nature looks after the elimination of the runts, cripples and weaklings through the workings of the inflexible natural law, the survival of the fittest, but in the domesticated state, man controls the destiny of such individuals and too frequently he is prone to attempt the rearing of them by careful treatment and the use of drugs and medicines. There can be but one result of this practice and that is (even when apparently successful) a flock of birds that are lacking in physical stamina and which are practically unfit for heavy egg production or the reproduction of vigorous offspring. Such a statement is not meant to imply that medicinal treatment is of no avail in connection with poultry keeping, but rather

that it should be discouraged as far as practical by the more general adoption of preventive measures. It also applies more generally to young stock, as mature birds are quite frequently successfully treated for various diseases. Let the slogan of every poultryman be, disease resistant flocks through the inheritance of strong, constitutional vigor from the parent stock.

What is the most practical method of bringing this about? I believe that the easiest way for me to answer this question will be to relate just how it has been accomplished on a large poultry farm in which I am interested. When this farm was started, some five years ago, it was this identical question that received the greatest amount of consideration and it was only after a thorough study of the problem, that the following plan was adopted. In its briefest form, the plan calls for the maintenance of separate departments for the breeding and laying stock and the providing of new range each year for both breeding and young stock. Another point which was given

great emphasis was that only the cream of the stock, as regards constitutional vigor should be used for breeding purposes.

The execution of the plan is extremely simple. That part of the farm which was to be used for general farming was divided into four fields of about twelve acres each and a rotation of corn, wheat, hay, and pasture followed. The breeders and young stock were rotated the same as the above crops, which is to say that breeding stock will always be found in the hay field and the young stock in the corn. It is at once evident that only once in two years is any one of the four twelve acre fields used as range for the poultry and during the rest period it is purified by cropping and cultivation. Such a plan is what the writer would call common sense prevention and the entire absence of disease on this farm would appear to bear out the statement. The inculcation of this plan coupled with such other preventive measures as are described below, will do more towards preventing and eliminating diseases than all the medical remedies science can produce.

## FRESH AIR AND SUNSHINE NATURE'S GREATEST DISINFECTANT

The houses for the layers, breeders and young stock should be constructed with the view of providing an abundance of fresh air without draft and floods of health giving sunshine. Dryness is



Thirty-eight Silver Campine cockerels were entered in competition at the recent Chicago show and the class was brimful of quality. First honors were awarded to a specimen which may well be considered a fashion plate at this stage of Campine breeding. He was bred at the farm of Frank E. Hering, South Bend, Ind., and is a full brother to the cockerel heading first prize pen at this show. In some respects we prefer the pen cockerel, but both specimens being so full of quality, possessing both type and color, there is really no great choice between the two. First prize cockerel is about the best shaped cockerel we have seen, having plenty of style and vigor, carrying his tail at a reasonably low angle while his color is superb with green lustre and clear snappy white penciling, beginning well under the throat, and carrying this quality through into the ends of a well furnished tail with flowing sickles. In this respect Mr. Hering's males seem to excel, especially. It is a quality which will beautify the breed to a large extent and we hope that breeders will aim to produce more of this sort.—A. O. Schilling.

(Continued on page 353)





FIRST PRIZE PEN S.C.R.I. REDS PALACE SHOW DEC. 1913.

Bred And Owned By SCHENLEY HEIGHTS POULTRY FARMS, SCHENLEY HEIGHTS, PITTSBURGH, PA.

Over two hundred and fifty Rhode Island Reds were exhibited at the recent Palace New York Show. Among the exhibitors were many of the best breeders in America showing their choicest productions. In the strong competition at this show, Schenley Heights Poultry Farm located at Schenley Heights Pittsburgh, Pa. were successful exhibitors, winning in the Single Comb classes, second cock, third hen, first pullet and first and second prize pen. The birds in the first prize pen are shown in the above view. They were a good lot of females with brilliant rich surface color, the cockerel heading this pen was also of excellent type, although apparently a trifle under size he was fully up to standard weight being very solid in flesh, full of vitality with a wonderful glow of deep rich red plumage that every breeder admires for the breeding or exhibition yard.—A. O. Schilling.



## THE PRACTICAL POULTRYMAN AS DOCTOR AND SURGEON OF AVIAN DISEASES

By C. L. Opperman

(Continued from page 351)

the third factor which is of great importance in preventing disease. All three of these essentials are admirably provided in the modern open front poultry houses having cement floors and foundation walls. The construction of such buildings is so well understood by those who read the poultry papers and agricultural journals, that the writer does not deem it necessary to discuss them further in the present article. It is sufficient to say that they are indispensable in the production of strong healthy fowls.

In addition to using the curative agencies which nature provides, the poultryman must also make use of the various commercial disinfectants in his fight against disease. The drinking fountains and other food retainers should be disinfected regularly with boiling water or some equally effective commercial solution. The entire interior of the poultry house should be sprayed with a disinfecting solution at least twice a year and a constant warfare carried on against mites and lice. These latter enemies are pests rather than diseases and should be considered under the head of prevention, for when permitted to multiply unrestricted, they pave the way for other and more dangerous troubles. The yards or range for the laying stock needs careful attention at all times and especially when a large number of birds are confined to a small area of land. In this connection it is a splendid practice to have double yards and cultivate one while the other is in use. Our practice is to cultivate the yards every five or six weeks during the growing season, and sow them to oats and wheat. This practice in connection with the double yarding system has given splendid results with our laying stock.

Lice and mites are quite easy to control if one applies systematic effort in combating them. The roosts and adjoining parts of the wall should be frequently painted with a solution consisting of one quart of kerosene to one teacupful of cresol, or if one prefers to use commercial mixtures, there are quite a number which will be found very efficient for the purpose. The most effective way to rid the birds of lice is to treat each and every individual separately with some commercial lice powder or a home made remedy. A home prepared powder which has given splendid results may be made by mixing three parts of gasoline and one part of crude carbolic acid (90 to 95 per cent. pure) and adding to this mixture, slowly, while stirring enough plaster of paris to absorb all the moisture. It will require about four quarts of plaster of paris to one quart of liquid.

### THE POULTRYMAN'S MEDICINE CHEST

The old maxim. "In time of peace prepare for war" is very appropriate in connection with the medicine chest

and the wise poultryman will see to it that a liberal supply of the various drugs required in treating poultry diseases is maintained at all times. It is a very poor policy to wait until disease strikes the flock before purchasing the necessary remedies to check and cure it, for too often such a policy results in the loss of many valuable birds as the result of several days delay in procuring the supplies. In the list given below the writer has suggested only such drugs and chemicals as will be necessary in combating the important poultry diseases, and those drugs necessary in treating diseases which occur only at rare intervals have received practically no attention. It will also be noted that no mention is made of quantity since this depends entirely on the size of the flock. The list is as follows:

### (CHEMICALS AND DRUGS

#### Liberal Supply—

Cresol or "crude carbolic acid."

Air slacked lime.

Kerosene.

Lice Powders—home made or commercial.

Epsom salts.

Permanganate of potash.

Carbolated vaseline.

Boric acid.

#### Small Quantities—

Peroxide of hydrogen.

Glycerine.

Argyrol.

Flowers of sulphur.

Chlorate of potash.

Salicylic acid.

Oil of turpentine.

Tincture of iodine.

Castor oil.

Calomel.

Common soap.

Salicylate of soda.

Raw linseed oil.

Bicarbonate of soda.

### MECHANICAL APPLI- ANCES AND MISCEL- LANEOUS SUP- PLIES

Rubber catheter.

Large and small medicine  
droppers.

G. G. worm remover,

Scapel.

Anthracas scales.

Small liquid measure.

Small pair tweezers.

Small pair scissors.

Camels hair brush.

Roll of gauze bandage.

Package of absorbent cot-  
ton.

### IMPORTANT DISEASES REQUIRING MEDICAL AND SURGICAL TREATMENT

Before suggesting the medical treatment of the various diseases, it will be well to say a few words concerning the general procedure in practically all diseases and thus avoid constant repetition.

The first essential in combating diseases is a room or hospital where the affected

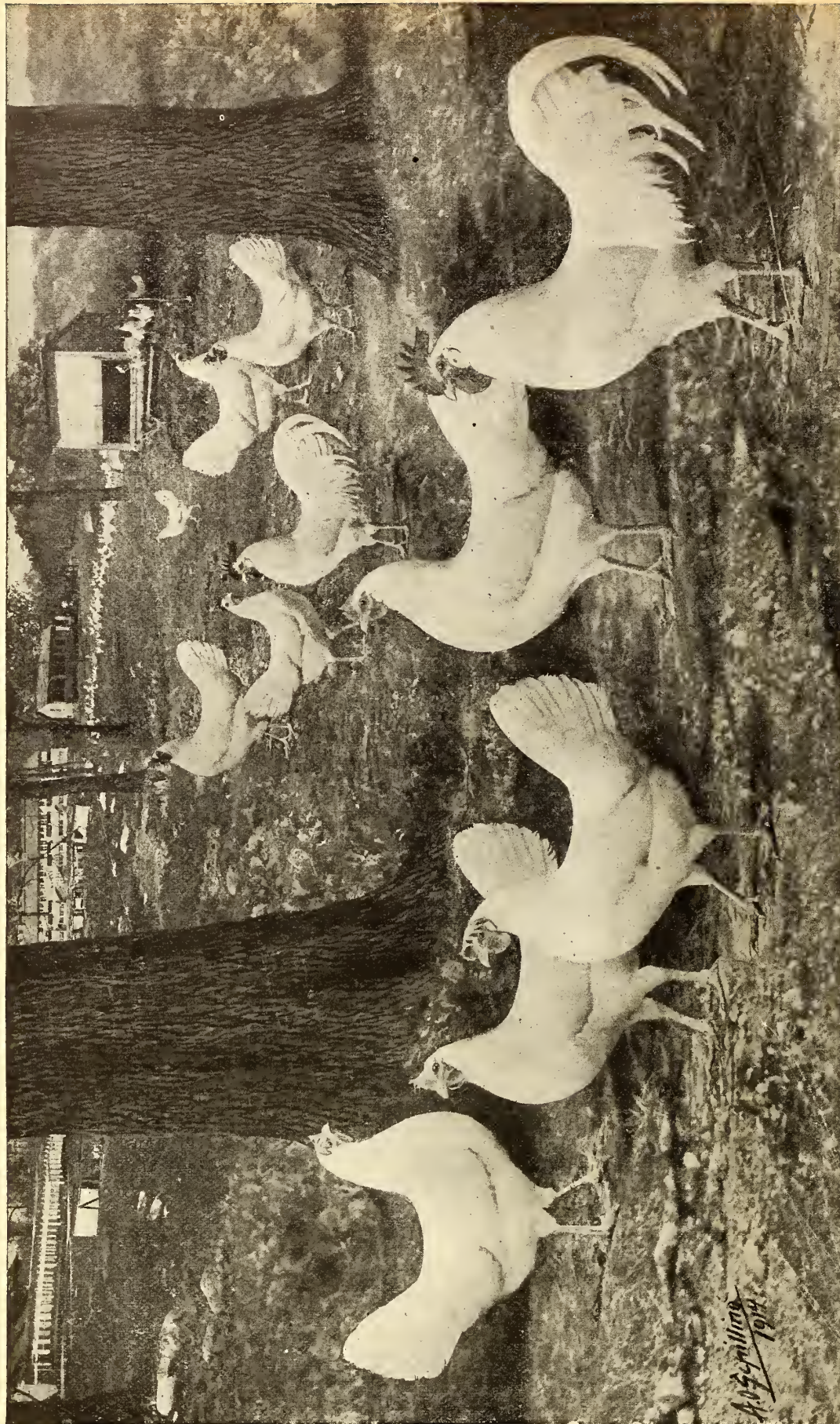
individuals may be isolated from the flock and given proper treatment. The immediate removal from the flock of all ailing birds as soon as they are detected is one of the first steps in checking the further spread of the disease. An eight by ten shed roof colony house makes a good hospital. It should be fitted up with tiers of coops and shelves or closets for holding the medicines and other supplies used for the work. The windows should be placed so as to flood

(Continued on page 401)



There are many successful breeders of R. I. Reds located in New England, the home of Rhode Island Reds, and it is only natural that this section should produce some of the very choicest specimens. I. W. Bean exhibited that wonderful male "Sensation" in 1909 and from this blood line many grand colored specimens have descended. "Halleluiah" the cock shown in the above picture is another wonder of the same stamp as "Sensation" and no doubt will be the sire of a good many winners if nothing happens to destroy his productive ability. This male won first prize as cockerel at Madison Square Garden a year ago, also shape and color special. This season he again won first prize, shape and color special and the championship challenge cup at Boston as a matured cock. United Breeders, South Braintree, Mass. are the fortunate owners of this wonderful specimen and we shall be interested to follow up his record or the records of his get in the future.—A. O. Schilling.





FIRST PRIZE PEN S. C. WHITE LEGHORNS, PALACE NEW YORK SHOW DEC. 1913  
 BRED AND OWNED BY HARLO J. FISKE  
 WEST SPRINGFIELD MASS.

Assembled at the Palace Show last December we found one of the finest classes of S. C. White Leghorns ever brought together in New York City. Some of the most successful breeders of this grand old variety were among the competitors, the result being a fine display of beautiful Leghorns. Harlo J. Fiske, West Springfield, Mass., has been making a very noteworthy record with his Leghorns by winning at such shows as Madison Square Garden, Boston and Chicago. The pen shown in foreground of above picture was awarded the blue ribbon at the recent Palace Show, while the group shown in the middle distance were winners of first prize at Madison Square Garden last winter. Mr. Fiske's Leghorns are known to possess remarkably fine headpoints and excellent color while in type they are equal to the best produced today. We have found the Fiske Strain wearing the blue ribbon at other shows that we have attended which speaks well for this stock in the hands of his customers.—A. O. Schilling.



# THE POULTRY CLASSES AT BOSTON, 1914

COMMENTS ON THE VARIOUS CLASSES WITH PERSONAL MENTION OF SUCCESSFUL EXHIBITORS. LIGHT BRAHMAS THE LARGEST CLASS OF THE VARIETY SHOWN IN YEARS. BARRED ROCKS A LARGE AND ATTRACTIVE EXHIBIT, AWARDS PLACED BY A WESTERN JUDGE. DRESSED POULTRY SECTION POPULAR. THE UTILITY POULTRY DISPLAY THE FIRST EXHIBIT OF ITS KIND EVER HELD

BY WM. C. DENNY



BOSTON Poultry Show is held in Mechanics Building, probably the most widely known exhibition building in New England and one of the best known in United States. It is a combination of several halls that collectively have an immense area of floor space. This year's poultry show occupied two of the main halls, balcony and a basement hall, and each one was crowded to the limit with poultry displays of rare land and waterfowl, incubators, brooders and the finished product of manufacturers of poultry appliances.

As visitors entered they were greeted with display cages containing rare land and waterfowl including an Ostrich, Cranes, Flamingo, Pea Fowl and Pheasants. The severe cold weather that visited the entire eastern section of the country on Monday, Tuesday and Wednesday kept down the attendance on those days, but immense crowds on Thursday, Friday and Saturday offset this and made the total attendance for the week the best in the history of the show. On Thursday and Friday over 13,600 people paid admission while the total attendance for the week was over the 20,000 mark. Admission is 50 cents for adults, and 25 cents for children. Visitors got their money's worth. In addition to the magnificent display of poultry and pigeons, there was a display of live fish and game by the Massachusetts Fish and Game Commission, and the usual cat show.

The twenty-two meetings of specialty clubs held during show week included the following:

American White Wyandotte Club, American Light Brahma Club, New England Golden Wyandotte Club, Silver Penciled Wyandotte Club, American Dominique Club, American Dorking Club, Partridge Wyandotte Club of America, Crested Fowl Breeders' Association, American Polish Club, Hamburg Fanciers' Club, state meet of the American Barred Plymouth Rock Club, American Silkie Club, state meet of the American White Plymouth Rock Club, Massachusetts Branch of the Massachusetts State Poultry Association, American Houdan Club, state meet of the National White Leghorn Club, Silver Wyandotte Breeders, American Pigeon Club, American Tumbler Club, National Pouter Pigeon Association, American Pigmy Pouter Association.

## BRAHMAS

**LIGHT BRAHMAS:**—26 cocks, 33 hens, 38 cockerels, 40 pullets, 17 pens. H. N. Rollins judged cocks, pullets and pens; C. A. Wheeler, cockerels and hens.

A few years ago a class of 222 birds would not have been commented on as a large class. New England may

truly be called the home of the Light Brahma for it was in this section that the perfection of the Brahma took place. The Brahma fowl became popular because of its many splendid qualities, both as a table fowl and as an egg producer. For many years it shared honors with the Plymouth Rock as "the best breed" among the producers of the finest table poultry in New England. Shortly after excessive feathering in Cochins became the rage as a result of the introduction of English birds, Brahma breeders and some judges followed suit. This and the favoring of birds with shorter thighs and shanks resulted to the detriment of the Brahma as a utility breed and it lost prestige among the practical poultrymen. Then it became less popular in the show room. When Brahma breeders realized this they revised their ideals and started to produce a type that would regain for the Brahma its old time prestige.

There were more active breeders of Brahmas attending the Boston show than we have seen at any other poultry exhibition during the past five years. No doubt this was because the American Brahma Club's annual show meeting was held during show week. Important action on Standard changes was adopted during the meeting. The club's recommendations regarding the Brahma Standard as adopted during the meeting will appear elsewhere in this issue. The large exhibit at Boston contained many birds of splendid quality, the winning old birds and many of the youngsters being fine indeed. However, not all of the young stock was as well developed as might be expected at a show that is held in the middle of January.

The coveted award of the class, 1st prize on cockerel, was won by a splendid bird, exhibited by Q. R. Merrill, M. D., Dudley, Mass. This bird was without a weak section. He was well matured, had good size, splendid hackle, grand tail, and a fine head. Dr. Merrill, also won 3rd in a class of 26 cocks. At the Springfield show in December, his entries won 1st cock, 2nd hen, 1st cockerel, 1st and 2nd pullet, specials for best display and both shape and color specials on male and female. He is offering hatching eggs from breeding pens containing his winners at very reasonable prices. His mating list can be had on application.

Balch & Brown of Manchester, Conn., have been prominent Light Brahma exhibitors at New York and Boston for several years. This year on two entries in the pen class they won 2nd and 6th. Their second prize pen was well matched and contained four females that were very even in type, size and markings. The male was a splendid specimen with a fine Brahma head, grand hackle. The saddle had about the right amount of striping. It was a



We first saw the above White Rock male at the Palace, New York. Show in 1912, where he won second, and later at Madison Square Garden where he also won second in a strong class of cockerels. We admired him very much at the time and looked forward to his development as a wonderfully good cock. At the recent Boston Show we were pleased to see this same male wearing the blue ribbon in a strong class. L. C. Bonfoey, superintendent of Bonnie Brook Poultry Farm, Saratoga Springs, N. Y., has developed a very valuable strain of White Plymouth Rocks which possess the correct Rock type and color.—A. O. Schilling.

(Continued on page 407)





FIRST PRIZE PULLET  
MADISON SQ GARDEN DEC 1913



FIRST HEN & COLOR SPECIAL  
1913-1914  
CHICAGO & CINCINNATI



FIRST PULLET CINCINNATI  
SECOND MADISON SQ GARDEN DEC 1913



NO. 4  
BESUDEN'S PRIDE  
COCK HEADING  
FIRST PEN  
NEW YORK 1913  
FIRST DETROIT  
1914

NO. 5  
BESUDEN'S CHAMPION  
FIRST COCKEREL  
NEW YORK EXPO.  
SHOW  
FIRST PEN  
COCKEREL  
CINCINNATI  
1913-14

A. O. Schilling 1914



WINNING BUFF WYANDOTTES BRED AND OWNED BY  
BESUDEN BROS. EVANSTON STATION CINCINNATI, O.

We have known the "Champion Strain" of Buff Wyandottes for many years and have noted some remarkable winnings made by them, when they were owned and shown by R. W. Sturtevant, now Superintendent of Poultry for Besuden Bros., Cincinnati, Ohio. This excellent show record has been enlarged in recent years by the remarkable winnings made at such shows as Madison Square Garden, Chicago, Cincinnati and other exhibitions of high quality. A few of these winners are shown in the above picture and represent a fair example of the type of Wyandottes bred by Besuden Bros. They are a sturdy, vigorous strain and some of them have established noteworthy egg records. Mr. Sturtevant informs us that the hen shown in center of top row has a record of 260 eggs in one year and weighs 8½ pounds. We have seen this hen at several shows and always found her in excellent health and vigor. She has a wonderful even surface color of rich golden buff, while her two daughters are of the same high quality. "Besuden Champion" the cockerel shown in lower right hand photograph was winner of silver cup for the best bird in the show at Cincinnati, over one hundred males competing. The cock shown opposite side of cockerel is considered one of the most typical shaped Buff Wyandotte males shown in recent years and has proven to be the sire of many grand youngsters during the past breeding season.—A. O. Schilling.



# THE POULTRY EXHIBITION OF PITTSBURGH

THIRD ANNUAL SHOW HELD IN EXPOSITION HALL, JANUARY 19-24, 1914, ONE OF THE MOST SUCCESSFUL OF THE SEASON. LARGE CROWDS IN ATTENDANCE AT ALL TIMES. EXHIBIT OF S. C. BLACK MINORCAS A FEATURE, MANY PROMINENT BREEDERS GATHERING FOR THE ANNUAL CLUB MEETING. MANY OTHER CLUBS HELD MEETINGS, AND COMPETITION WAS VERY KEEN IN VARIETIES REPRESENTED

BY WILLIAM C. DENNY



THE Third Annual Show of the Poultry Exhibition of Pittsburgh was held in Exposition Hall January 19-24, 1914. In number of entries, quality of exhibits and attendance, it was one of the most successful shows of the 1913-14 season. It has been claimed that Exposition Hall was not located to secure a large attendance, but if every association could boast of the large crowds that attended the show on

Wednesday, Thursday and Friday, there would be no cause for complaint in regard to gate receipts. On the afternoons and evenings of those days the aisles were thronged with visitors. While the Exposition Building is not centrally located, car lines from the shopping districts pass the doors of the main entrance making it easy and convenient to reach the hall.

The Exposition Building is well adapted for a poultry show, the floor space being ample to permit the single tiering of coops, a feature that exhibitors and visitors alike always appreciate. The building, including the roof, is constructed almost entirely of glass, providing a splendid natural light for the inspection of exhibits. The Genesee Cooping Co., of Rochester, N. Y., caged the show, Geo. W. Webb of the company was in personal charge of the arrangements. Mr. Webb informed us that his company was planning to do an increased business another year. This season in addition to the Pittsburgh Show, the Genesee Cooping Co., had charge of the cooping at Cleveland, the Greater Buffalo Show and a number of other leading exhibitions.

According to the catalogue, 3145 head of poultry were shown. This number included the birds in the pens. In addition 531 head of pigeons and pet stock were entered. A number of the leading specialty clubs held their annual meetings during show week and this resulted in large classes and splendid quality.

The annual meeting of the American Black Minorca Club brought out a large attendance of breeders of this variety, and the largest and best class of S. C. Black Minorcas ever brought together. 157 birds were entered in the single classes and 85 specimens in the pens, a total of 242 birds. As might be expected, where so many leading breeders were represented either with birds of their own breeding, or in the hands of customers, extraordinary quality was shown. The class was well judged by Marcus Allen Northrup. Mr. Northrup favored a type that had moderate length of leg and thigh instead of tall rangy birds.

The annual meeting of the Ancona Club resulted in a surprisingly strong class. 120 birds were shown in the singles and 65 additional in the pens. In company with A. H. Emch who judged the class we looked over the winners. Mr. Emch's awards were consistent and placed on birds that were beautifully mottled. Progress that Ancona breeders have made in improving color, has been wonderful. With the beautiful mottling found in the best birds of this variety, it is little wonder that they have become so popular.

The annual meeting of the Black Orpington Club resulted in decidedly hot competition among a half dozen or more exhibitors. Len Ravensley, Superintendent of Aldrich Poultry Farm, played the awards. Before coming to America, Mr. Ravensley bred Orpingtons in England and knows the breed through and through so that it does not seem necessary to say that his work was well done. Hugh A. Rose of Welland, Ont., was the big winner in this class. His awards including five out of six first prizes. In addition to \$163.00 in regular and special prizes, Mr. Rose won a good sized purse as the result of a pool that was contributed by different breeders.

The entries of Maurice F. Delano, Proprietor of Owen Farms, Vineyard Haven, Mass., greatly strengthened what would have been considered splendid classes of S. C. Buff and S. C. White Orpingtons. Mr. Delano's fine exhibit made the remarkable record of winning 100 per cent. of the first prizes competed for, six first prizes in Buff Orpingtons, and five first prizes in White Orpingtons. These varieties were judged by A. F. Kummer. The awards in these two varieties as placed by Mr. Kummer could not have been improved upon. Mr. Kummer thoroughly understands Orpington type and color and the relative importance of each.

The announcement that D. W. Young, of Monroe, N. Y., America's best known breeder of S. C. White Leghorns, was to judge the S. C. White and Buff Leghorns

brought out large classes and strong competition in these varieties. 327 birds were shown, a little more than half of which were S. C. Whites. S. C. Brown Leghorns was another very strong class with some of the season's best birds included in the winners. The large entry was a compliment to Fred H. Cook, the well known breeder of the variety who placed the awards.

W. S. Russell judged the Barred and White Rocks. Barred Rocks were a representative class, a fair sized



It is only a few years since it was a rare thing to find a hen feathered Golden Campine male, but today we see specimens at leading shows that approach the best Silvers in feather and markings. Madison Square Garden Show had an excellent class of Golden this year and among them were some specimens that were truly wonders for clear barring of rich golden bay over a glossy black ground color. The cock shown above was winner of first prize at Madison Square Garden this season. He was a remarkable specimen in color having a splendid barred back and wing, also a well marked breast with barring that extended well up on the throat, while his sickle feathers gave strong indications of barring their entire length. Manhattan Farms, Brighton, N. Y., are among the most successful breeders of Golden and Silver Campines in America today and possess a wonderful show record made at the best Eastern shows during the past few seasons.—A. O. Schilling.

(Continued on page 423)



# AMERICAN POULTRY WORLD



DEVOTED TO THE

**Upbuilding of the Poultry Industry  
in All Branches**

**GRANT M. CURTIS** . . . . . Editor

**WM. C. DENNY** . . . . . } Associate Editors  
**W. A. WOLFORD** . . . . . }

**CONTRIBUTORS:** The best informed and most reliable men and women at work today in the broad field of Poultry Culture and advancement

**STAFF ARTIST:**

Arthur O. Schilling.

## EDITORIALS

### MR. DREVENSTEDT IS TO MAKE OTHER CONNECTIONS

J. H. Drevenstedt has ceased to be a member of the editorial and office staff of AMERICAN POULTRY WORLD. He had been with this magazine since it was started, four years ago last fall, holding the position of associate editor.

It appears that Mr. Drevenstedt has not yet decided what his next business connection will be. During September last negotiations were considered by which he was to have become prominently associated with W. B. Atherton, Boston, Mass., in promoting the advancement of the American Stock-Keeper, a dog and poultry paper that has been published weekly by Mr. Atherton for many years.

The plan was to change the name of the Stock-Keeper to "American Fancier," which was the title of a weekly poultry paper formerly published at Johnstown, N. Y., by Mr. Drevenstedt and A. E. Blunck, and at the same time to enlarge the paper. The name of the Stock-Keeper was changed, but what further progress has been made with the plans, we do not know.

This past winter Mr. Drevenstedt visited the Pacific Coast on a judging trip and while there he talked of acquiring the Pacific Poultryman, a monthly poultry magazine published at Seattle, Wash. On his return to Buffalo in February, Mr. Drevenstedt said he would like to own and conduct a good poultry journal in Canada—one that would publish the complete awards made at the leading exhibitions, etc.

Evidently Mr. Drevenstedt has not

yet concluded what offer to accept. It might be a good thing for the standard-bred poultry business if he and Mr. Atherton were to be successful in carrying out their re-organization plan in connection with the "Stock-Keeper-Fancier." Perhaps they are right in their belief that the interested public is ready to support liberally a poultry periodical that will publish the awards at the leading shows of the United States and Canada.

Such a periodical ought to be published every week and should charge a subscription price of not less than one dollar per year. Once a month is not often enough for this semi-news service. Furthermore, our most popular monthly poultry journals are too large, too bulky as it is—and this is especially so during the winter show season, when their bulk would have to be increased very materially, were they to undertake to print the complete awards at fifty to one hundred prominent shows. To print these awards for only half a dozen shows, would be grossly unfair to the managers of other shows and to thousands of exhibitors, many of the latter being actual subscribers to the monthly papers that have to draw the line somewhere.

Wherever Mr. Drevenstedt goes and whatever he undertakes, he has the cordial best wishes of all members of the editorial and art staff of the AMERICAN POULTRY WORLD.

### APPEARS TO BE A MATTER FOR INTERNATIONAL REGRET

Edward Brown, for fourteen years the efficient secretary of "The National Poultry Organization Society" of Great Britain, with headquarters in London, England, has resigned this office and now is devoting more time than heretofore to poultry writing, both for periodicals and for further authentic, helpful books on general poultry subjects.

Mr. Brown is well-known throughout the civilized world as the foremost authority on poultry history and development in European countries. He has also visited Canada and the United States in quest of reliable data and personal impressions, relating to successful poultry and egg production, and is the author of several of the most valuable books published to date that have for their object the advancement of poultry culture.

Something less than a year ago, the National Poultry Organization Society was merged with the Agricultural Organization Society and conditions arose presently that made it distasteful to Mr. Brown to continue to act as secretary of the subordinate society, whereupon he tendered his resignation. Looked at from this side of Atlantic, it would be impossible for the "powers that be" to secure a successor to Mr. Brown who can command the confidence and attract the same world-wide attention that have existed with reference to the work of the National Poultry Organization Society during the secretaryship of Edward Brown.

### NEW CANDIDATES THAT ARE SUGGESTED FOR A. P. A. HONORS

Under date January 28th, Harry H. Collier, Tacoma, Wash., wrote to A. P. W., asking us to announce that he is not a candidate for re-election to the Executive Board of the American Poultry Association. Accompanying his letter was a communication to this effect:

"Editor American Poultry World: After due deliberation have decided not to stand as a candidate for re-election as an executive committeeman of the American Poultry Association. When my term expires at the next annual meeting I shall have been in four conventions. I have enjoyed the work and believe I have done the organization some good. I would like to see W. M. Coats, Vancouver, British Columbia, elected as a member of the Executive Board, for the simple reason that I believe he would make good. Canada has no member on the committee at this time and it would be a fitting compliment to our cousin-country to elect Mr. Coats. If the boys can see it that way, I would like to be elected vice-president in 1915, as it is generally understood that the annual convention that year will be held on the Coast."

James W. Bell, editor of the American Poultry Journal, proposes the election of Chas. McCaffree of South Dakota, State Commissioner of Immigration, as a member of the Executive Board of the American Poultry Association. Writing of Mr. McCaffree, Editor Bell says:

"The west and north-west are rapidly gaining ground in the poultry business. Therefore, it is good policy to honor with important office in the American Poultry Association a man who joins with the enterprising support of this region a keen interest in poultry breeding. With his interest in the welfare of the American Poultry Association and his power to serve it, Mr. McCaffree would undoubtedly accomplish much in building up the membership of the organization, in those states of the west and north-west contiguous to his own."

U. R. Fishel, Hope, Ind., suggests and recommends the election of Martin F. Schultes, of Bartlett, Tenn., to elective membership on the Executive Board. In a letter of date February 13th, Mr. Fishel says:

"Mr. Schultes is young and energetic, is a good business man, having been a travelling salesman for years, is well acquainted throughout the south and I believe will make a valuable member. He is now secretary of the White Plymouth Rock Club and doing good work. Anything you can do to give publicity to Mr. Schultes' candidacy will be appreciated by him."

Editor of A. P. W. is not personally acquainted with any one of these three men. Mr. Coats and Mr. McCaffree have been members of the association since 1911, and Mr. Schultes joined in 1912. Whether or not they have attended annual conventions of the association, we do not know. Would



suggest the advisability of each one of them preparing an open letter addressed to the membership of A. P. A., stating their experience and qualifications, this letter to be mailed direct to members of the organization or to be published in the poultry press. A frank statement in cases of this kind would help enlighten those of us who wish to know—and would be strictly in order, as we view the matter.

### SOUNDS AS THOUGH SOME OVER-WORKED REPORTER HAD BEEN HITTING THE PIPE

It is with a degree of reluctance that we reprint the following report, heading and all, as it was published on the front page of the "Indianapolis Star," of date February 12th:

#### POULTRY RAISERS

START \$1,000,000

#### FARMS COMPANY

Corporation Formed by Leading Farmers of Country Will Control Products, With Purpose of Improving Strains and Reducing Cost of Production.

#### WESTERN OFFICE OF CONCERN TO BE ESTABLISHED AT HOPE

U. R. Fishel, President of Indiana Fanciers' Association, Heads New Company—Breeding Farm May Be Established in State.

(Special to the Indianapolis Star.)

GREENSBURG, Ind., Feb. 11.—"A poultry corporation, with a capital of more than \$1,000,000, and having control of the largest poultry farms in the country, is the outcome of negotiations that have been pending for several months and which came to completion at a meeting of men interested held in Indianapolis today.

"The corporation will be known as the United Poultry Farms Company and it was incorporated in New Jersey yesterday with a capital stock of \$1,000,000. Options have already been obtained on the farms of U. R. Fishel and J. C. Fishel & Sons of Hope, Ind., and on two of the largest poultry farms in the East.

#### Arrange to Place Stock

"The promoters, at their meeting in Indianapolis today, made final arrangements for the placing of the stock of the company on the market. The New York firm of Zizer, Carter & Richardson will be in charge of the sale of shares.

"The corporation aims eventually to control all the leading poultry farms in the country and its purpose, according to U. R. Fishel, in an interview tonight, is

to reduce the cost of production of both poultry and eggs, while at the same time improving the laying and breeding strains of poultry.

"U. R. Fishel, who is the president of the new corporation, is treasurer of the National American Poultry Association and president of Indiana Fanciers' Association. He is probably the best known poultry farmer in the United States.

#### Other Officers Chosen.

"The other officers of the association are: Lester Tompkins of Massachusetts, first vice president; Charles L. Fishel of Hope, Ind., second vice president; Percy A. Cook of Scotch Plains, N. J., secretary; J. C. Fishel of Hope, Ind., treasurer.

"The Western office of the corporation will be located at Hope and an Eastern office will be maintained at Scotch Plains, N. J., the home of the secretary.

"The promoters include all the leading poultry farmers of the United States. The farms to be taken over by the corporation are to be run by their present owners, but the marketing of the products will be in the hands of men appointed for the purpose by the directors of the corporation.

#### Will Control Exhibitions.

"The corporation will have charge of the exhibitions to be given hereafter in various parts of the country. One of the first things to be done by the new concern will be the establishment of a White Leghorn and Barred Plymouth Rock farm, either in Tennessee or in Indiana. It is expected that the corporation will be ready for business early next October.

"The U. R. Fishel farm at Hope

is probably the largest in the United States used exclusively for poultry purposes, and its owner has a wider acquaintance among poultry raisers than any other one man. The farm consists of sixty acres. The J. C. Fishel farm is second in the value of its buildings, incubators, brooders and other improvements. These two farms are to be taken over by the new corporation immediately.

"The movement for the new corporation had its birth during the Madison Square Garden Show in New York city last fall, and most of the details were completed at the Indianapolis show held last week. The final details were completed at the meeting held in Indianapolis this morning, but no information was given out until Mr. Fishel reached his home tonight."

We do not know that U. R. Fishel or any of his associates in this alleged

## BLUE WHITE and BUFF ORPINGTONS

Stock and Eggs \$3 per 15. Guaranteed. Blue \$5 and \$7. Excellent Layers. Won 150 Prizes.

LONG ISLAND ORPINGTON FARM, Box 1965, LYNNBROOK, N. Y.

## 500 Columbian Leghorns

All brothers and sisters to New York, Boston, Baltimore, Providence winners.

EGGS after March 1st, \$5.00 per 15.

Prof. JOHN EVANS,  
Chestnut Grove Poultry Farm  
CRANSTON, R. I.

## NIAGARADOTS

Have been winners at Pittsburgh, Buffalo, Guelph, Toronto and other shows with good competition. They have

### STAMINA

as well as good color, good broad deep breasts, nicely spread and carried tails, good color of legs and beak and cap all by a

### PRODUCTIVENESS

that means much more than an unexcelled fancybird. They produce winners that work for a living. Some *fine breeders* at inviting prices. Send for *Mating List*. You can get better stock and save money if you will send for one now.

MARSHALL & MARSHALL,

Box A, NIAGARA FALLS, CANADA



## LEGHORNS

R. C. WHITE LEGHORNS,  
S. C. WHITE LEGHORNS,  
BLACK LEGHORNS

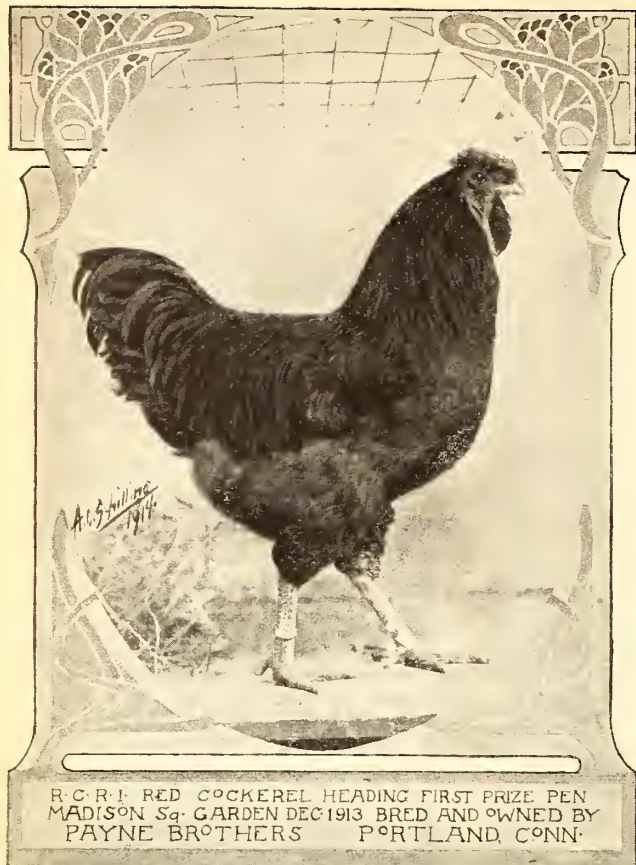
R. C. BROWN LEGHORNS  
S. C. BROWN LEGHORNS  
SILVER LEGHORNS

BLUE RIBBON WINNERS NEW YORK, BOSTON, CHICAGO AND BUFFALO.

After winning practically a clean sweep at Madison Square Garden, we went to Boston with practically a new string and won display in each variety that we exhibited. Also won fourteen first prizes out of a possible seventeen. Our past records at America's leading shows stand unequalled. Our 48 page catalogue describing our matings and stock is free to you. We promise to satisfy any reasonable customer and aim to give value for value received or there is no sale. We have pleased hundreds of customers from the Atlantic to Pacific and can please you.

TURTLE POINT FARM, W. H. Manning, Owner, W. M. Anderson, Mgr., SARATOGA SPRINGS, N. Y.





It is only to be expected that a specimen capable of winning a ribbon in such classes as are to be found at Madison Square Garden each year, must necessarily be one of the choicest of the season's productions. The old Garden Show is the arena where breeders compete for championship honors, therefore a bird that has won the blue ribbon, especially in the more popular classes, is a very valuable one in almost every instance. Payne Bros., Portland, Conn., won first prize pen in the Rose Comb Rhode Island Red class and the cockerel shown in the above picture was the pilot at the head of this fine yard of females, which carried them to success. He was a very sturdy cockerel of nice type and color and matched well with four wonderfully colored pullets of good type and true Rhode Island Red Shape.—A. O. Schilling.

"control" proposition has repudiated certain parts of the foregoing newspaper account, but they ought not lose any time in doing so. As examples, it is scarcely credible that Mr. Fishel could have sanctioned the following statements:

"The corporation aims eventually to control all the leading poultry farms in the country."

"The promoters include all the leading poultry farmers of the United States."

"The corporation will have charge of the exhibitions to be given hereafter in various parts of the country."

Until Mr. Fishel, Mr. Cook, Mr. Tompkins or some one else has been given the opportunity to set the readers of the poultry press "straight" on this proposition, A. P. W. prefers to refrain from further comment. We have written to U. R. Fishel, asking him to submit a statement for publication, outlining what the proposed million dollar corporation is planning to do—which statement will be published in these columns, if furnished to us for purpose.

—o—

#### TO INTERESTED PUBLIC

##### From President and Secretary

Monday, February 23rd, after the foregoing newspaper report, with brief comment by editor of A. P. W., had been sent to the printers, the following communication was received from U. R. Fishel:

"The above article was taken from the Indianapolis

Star, Indiana's leading daily newspaper.

"As will be seen by the article, the United Poultry Farms is incorporated and it is hoped the new corporation will begin business some time this early fall.

"This is not a fancy poultry trust as some may be led to believe, but it is the combining of several of the most successful, best-paying, fancy poultry plants in the United States.

"It is also the combining of the ability that has made it profitable to have such large, successful, fancy poultry farms as are included in this new corporation.

"It is not the intent of the United Poultry Farms to throttle or corner any part of the fancy poultry business, but on the other hand it is the intention to stimulate interest, give the fancy poultry business more publicity in various ways, exhibit at all the leading poultry shows with a complete line of the different varieties bred, in fact, no efforts will be spared to improve every branch of the poultry business.

"As stated above, we hope to begin business under the management of the United Poultry Farms about August or September.

"Full notice of the transfer of the various farms to the new corporation, will be given your readers in due time.

"Yours respectfully

"U. R. Fishel,

"President.

"Percy A. Cook,

"Secretary.

"United Poultry Farms, (Inc.)"

The clipping enclosed (and referred to by Messrs. Fishel and Cook in the foregoing communication), was the same as that quoted in full herewith from the "Indianapolis Star", except that Mr. Fishel or some one else had marked out the name of Lester Tompkins, as first vice-president, using pen and ink for the purpose.

—o—

#### THIS ISSUE IS LITERALLY A PICTURE GALLERY OF RECENT IMPORTANT PRIZE WINNERS

It may well be said that the next best thing to visiting the leading annual poultry shows of the country in person, is to be permitted to see, study and enjoy photographic reproductions of many of the finest specimens placed on exhibition at these shows.

Never before has this privilege been extended to the readers of a poultry journal to as great an extent as is the case with this issue of A. P. W. In the pages of this number of the "WORLD" are to be found no less than eleven full-page groups, a two-bird cut and sixteen single birds, all winners in keen competition at foremost shows held during the season of 1913-1914. Ten of the page groups are by Artist Schilling and one is the work of Louis A. Stahmer of Chicago. The pair of birds and the sixteen single-bird pictures are by Mr. Schilling.

While it was not planned that way, the fact exists that of the ten full-page groups made by Mr. Schilling,

## BYER'S ORPINGTONS

### BUFF, BLACK AND PEARL WHITE

Fifteen Years a Successful Breeder of Orpingtons Only.

#### THE GREATEST PRODUCING LINE IN AMERICA

That's why you will profit by a purchase from me in either Stock or Eggs. I produce and sell Winners from Ocean to Ocean. I sell Eggs that do the same. I am the oldest Breeder of Orpingtons in America maintaining a reliable policy and a complete line of the Best Possible in Orpingtons. Hundreds of Birds for sale every month of the year. EGGS — Best Possible Matings — \$10 per 15; \$18 per 30; \$50 per 100. 8 Chicks guaranteed hatched or I will replace full setting — Free. Utility Eggs customary price and terms. My Big Catalog and Spring Supplement is Free if you make clear your requirements.

C. S. BYERS, Orpington Specialist and Judge 15 Years, HAZELRIGG, IND.



only two represent the same variety.

Following is a list of the nine different varieties represented in Mr. Schilling's groups:

S. C. White Orpingtons, first prize pen, Boston, January, 1914, owned by M. F. Delano, proprietor of Owen Farms, Vineyard Haven, Mass.

S. C. Buff Leghorns, first prize pen, Madison Square Garden, December, 1913, owned by Royal Farms, Little Silver, N. J.

Barred Plymouth Rocks, first prize pen, Madison Square Garden, December, 1913, owned by E. B. Thompson, Amenia, N. Y.

Columbian Wyandottes, winners at Palace Show, December, 1913 owned by Wilburtha Poultry Farm, Trenton Junction, N. J.

Buff Orpingtons, first prize pen at Madison Square Garden, December, 1913, owned by Hugh A. Rose, Welland, Ont., Canada.

S. C. Rhode Island Reds, first prize pen, Palace Show, December, 1913, owned by Schenley Heights Poultry Farm, Pittsburgh, Pa.

White Wyandottes, first prize winners at Boston, January, 1914, owned by Joseph Russell, Toronto, Canada.

S. C. White Leghorns, first prize pen, Palace Show, December, 1913, owned by Harlo J. Fiske, W. Springfield, Mass.

Buff Wyandottes, first prize winners, December, 1913, January, 1914, owned by Besuden Bros., Cincinnati, Ohio.

S. C. White Leghorns, first prize winners at Palace Show, December, 1913, owned by Dune Alpin Poultry Farm, E. Hampton, L. I., N. Y.

Barred Plymouth Rocks, winners at Chicago, December, 1913, owned by A. C. Hawkins, Lancaster, Mass., photographed by L. A. Stahmer.

The pair of birds, previously referred to, see page 368, were photographed by Artist Schilling and represent the first prize and champion cockerel and the first prize and champion pullet in S. C. Rhode Island Reds, as shown at Chicago, December 7-12, 1913, by F. E. Harrison, Menominee, Mich.

The sixteen single-bird cuts in this issue, all by Mr. Schilling and now published for the first time, show still other varieties of standard-bred fowl, as follows:

White Faverolle cockerel, first prize, Madison Square Garden, December, 1913, owned by Dictograph Farms, West Nyack, N. Y.

S. C. Rhode Island Red cock, first prize at Boston, January, 1914, owned by United Breeders, So. Braintree, Mass.

R. C. Rhode Island Red pen cockerel, first prize at Madison Square Garden, December, 1913, owned by Payne Bros., Portland, Conn.

Houdan pen cock, first prize at Boston, January, 1914, owned by Jas. Abernethy, West Pembroke, Me.

S. C. Rhode Island Red cock, first prize at Madison Square Garden, December, 1913, owned by Lester Tompkins, Concord, Mass.

Silver Campine pen cockerel, first prize at Chicago, December, 1913, owned by F. E. Hering, South Bend, Ind.

S. C. Brown Leghorn cockerel, first prize at Boston, January, 1914, owned by Grove Hill Poultry Yards, Waltham, Mass.

S. C. Brown Leghorn cock, first prize at Madison Square Garden, December, 1913, owned by Williams Bros. & Brace, Fullerton, Cal.

S. C. Rhode Island Red cockerel, first prize at Buffalo, November, 1913, owned by Houck & Alt, Buffalo, N. Y.

S. C. Buff Leghorn cock, first prize at Madison Square Garden, December, 1913, owned by L. E. Merrihew, Marathon, N. Y.

Buff Plymouth Rock cock, first

prize at Madison Square Garden, December, 1913, owned by Fred Armer, Ballston Spa, N. Y.

Black Spangled Booted Bantam, owned by George Urban, Jr., Buffalo, N. Y.

Golden Campine cock, first prize Madison Square Garden, December, 1913, owned by Manhattan Farms, Brighton, N. Y.

White Leghorn cockerel, first prize at Boston, January, 1914, owned by Bonnie Brook Farm, Saratoga Springs, N. Y.

R. C. White Minorca cockerel, first prize at Madison Square Garden, December, 1913, owned

## Congdon's Barred Rocks

*Bred for Utility and Beauty*

Write your wants in Cocks, Cockerels, Hens, or Pullets. \$2,000' invested, 20 years' experience. **INCUBATOR EGGS, \$5.00 per 100, \$40.00 per 1,000.**

**NEW BOOKLET FREE**

**W. A. CONGDON,**

**Box 404,**

**WATERMAN, ILL.**

SEASON OF  
1914

SEND  
for  
OUR  
60  
PAGE  
Catalog  
FREE

# 100,000 BABYCHICKS S.C.

## Ever-Lay Strain · Leghorns

White

Two years ago we sold about 11,000 chicks; last year we sold over 60,000 and this year we shall sell over 100,000, and we could sell 250,000 if we only had the capacity. Our chicks have proved their value in the hands of our customers. We have satisfied hundreds that our stock is better in a dozen ways than the average White Leghorns, yet our prices are very reasonable.

\$15.00 per hundred for our best chicks; \$8.00 per hundred for our best utility eggs. Our No. 2 grade chicks (all selected birds) only \$12.00 per hundred; eggs \$6.00 per 100.

"A good poultryman always buys the best."

**The Everlay Farm, Methuen, Mass.**

## ALDRICH POULTRY FARM

**YOU** can make money raising poultry if you start right—with stock or eggs from the quality Strain of the most Popular and Profitable Fowls in the world, **ALDRICH WHITE ORPINGTONS**. They are the **Greatest Winter Layers**, mature quickly, to broiler size in eight weeks, and add to these useful qualities their hardiness, beauty and gentleness, and you have the ideal chicken. Our winners this season at Chicago, Allentown, Atlanta, and **MADISON SQUARE GARDEN**, have never been equalled and at all America's best shows this season the most prizes went to those who raised **ALDRICH STRAIN WHITE ORPINGTONS**. Send for our beautiful 60 page Catalogue with color plates and book your order early for eggs.

**ALDRICH POULTRY FARM,**

**4033 N. High St.,**

**COLUMBUS, OHIO**







While at Madison Square Garden Show, William Ellery Bright, Prop., Grove Hill Poultry Yards, Waltham, Mass., promised to show me a Leghorn male which would approach my ideal, in the form of a beautiful S. C. Brown Leghorn cockerel. A few weeks later at Boston Show I had the pleasure of seeing the specimen referred to at New York, and I am frank to admit I was not disappointed. The cockerel shown above is the male referred to and in our opinion is the finest type cockerel shown in some time. He approached the best White Leghorns in type and style and has a wonderfully furnished tail of broad flowing sickles. In color he was excellent having an abundance of clear distinct black striping in a rich brilliant coat of deep red hackle and saddle feathers. Grove Hill Brown Leghorns have a wonderful record at very best shows held in this country and each year some of the very choicest of the season's production come from this farm.

—A. O. Schilling.

by Geo. W. Tracey, Kinderhook, N. Y.

White Plymouth Rock cock, first prize at Boston, January, 1914, owned by Bonnie Brook Farm, Saratoga Springs, N. Y.

The amount of art work that annually is given to Arthur O. Schilling is a strong and well-deserved compliment to his ability. Fact is, each fall and winter he is offered far more work of this kind than he can handle

within the period during which the owners of the birds wish to have the plates completed so they can be published before the stock and egg-selling season terminates in May and June. For example, there were six full-page groups by Mr. Schilling in last month's issue of A. P. W., also twelve single-bird reproductions. Our April and May numbers likewise will contain numerous attractive pictures—the products of his camera and brush.

The making and publication of these numerous excellent pictures of prize-winning, standard-bred fowl, not only gives our readers an opportunity to see the "styles and fashions of the day", but the general use of lifelike illustrations of "the best specimens of the year" has proved to be of great help in educating the average poultryman on correct shape for the various breeds. Unquestionably the wideawake poultrymen and women of today are far

better informed on breed type and all shape questions than was the case ten or more years ago, or before the use of high-class photographic reproductions became so general.

As illustrating the high esteem in which Mr. Schilling's art work is held by the men—his patrons—whom he faithfully tries to satisfy and benefit, we quote as follows from a letter of date February 13, written to him by

Haldie Nicholson, of Leominster, Mass., long-time successful breeder of Barred Plymouth Rocks, who lately has taken up the Blue Orpingtons as a second breed on which to exercise his skill:

"After receiving the February A. P. W., containing the cut you made of my first New York Blue Orpington pullet, I want to say that you have done work for me for the past eleven years, and I think this is the best piece of work I have received from you or any one else, and as per our conversation in New York, that I did not want any retouching done on her, and you told me then that you would only just take off the rough parts, I have studied both your cut and the first Blue Orpington New York pullet together very carefully, and it is the nearest to a nature-photo that I have ever seen. Such photos as this should do away with the cry of 'fake photos'."

"In an article which I wrote to the Feathered World of England, some time ago, I told the English breeders that we had to thank such artists as Mr. Schilling and Mr. Sewell for the advancement which America had made in the poultry world, and I shall send the above cut over to the Feathered World of England, showing them the work you are doing to advance the poultry fancy of America. The pose that you get is far superior to any other artist's work that I have ever seen."

#### "BELIEVE WE ARE GOING TO HAVE AN OLD-FASHIONED YEAR"

The above words were written to A. P. W. in a letter of date February 16, by J. W. Parks, Altoona, Pa., well-known breeder of bred-to-lay Barred Plymouth Rocks. Said he:

"Business is coming along nicely and I believe we are going to have an old-fashioned year."

As has been stated a number of times in these columns, the standard-bred poultry business suffered a severe slump in the spring of 1912, caused mainly by the extremely cold winter of 1911-1912 and the cold, wet, late spring which followed. The U. S. Weather Bureau reported that the winter of 1911-1912 was the coldest this country had experienced in over

#### "SILVER KING"



First Cock, Chicago 1912, First Pen, Chicago 1913. Greatest Campine Sire Ever Bred.

## SILVER CAMPINES

### Sweepstake Champions at Chicago

Among 159 entries, we won more prizes than all competitors combined

COCKERELS, 1st, 3rd, 4th	COCKS - - 3rd, 5th	OLD PENS - - - 1st
PULLETS - 1st, 2nd, 5th	HENS - - 2nd, 3rd	YOUNG PENS - 1st, 2nd

#### EGGS EGGS EGGS EGGS

I have eight pens mated, and I guarantee each is headed by Chicago prize winning male. Place your order for hatching eggs early, as I am certain I cannot supply the season's demands.

Write today for mating list.

### THE GREEN SHEEN STRAIN

FRANK E. HERING  
SOUTH BEND, IND.  
FANCIER AND BREEDER



a quarter of a century, and in the more northern states the snow and cold rains continued through April and into May.

Last fall, as early as October, the reports from active, hustling poultrymen began to change for the better and then came the winter show season with big entries, largely increased attendance and a wide-spread demand for "show specimens". Since then the reports of many inquiries received and of satisfactory orders have been multiplying, until it now appears, as stated by Mr. Parks, that the spring trade for 1914 is going to be "like old times". Following are a few of these reports, selected at random from the daily mail, and all unsolicited:

"Port Dover, Ont.,

"February 11, 1914.

"Business is very good at the present writing. I have over 500 early chicks, the strongest and best lot I ever saw. I have about 1500 eggs in incubators, so should be in great shape next fall for business.

"Very truly yours,

"John S. Martin."

Breeder of White Wyandottes.

"Moscow, N. Y.,

"February 20, 1914.

"We have never had so many inquiries for stock or eggs as this year. The number that we are receiving is remarkable and if they are an indication of business, it means that the season will be all that we can expect.

"Very truly yours,

"Moore Bros."

Breeders S. C. White Leghorns.

"Welland, Ont.,

"February 20, 1914.

"The demand for stock and eggs is double that of any previous year. The inquiries that we are receiving for Buff Orpington stock and eggs insure a splendid trade. Black Orpingtons, too, are in good demand. We have never been so well prepared to handle business as this year, which we believe will prove one of the best seasons poultrymen ever had.

"Very truly yours,

"Hugh A. Rose."

Breeder of Buff and Black Orpingtons.

"Hope, Ind., Feb. 13, 1914.

"Business is coming along fine, I assure you, and it looks now as if this would be the best year we have ever had.

"Yours very truly,

"U. R. Fishel."

Breeder of White Plymouth Rocks.

"Scotch Plains, N. J.,

"Feb. 9th, 1914.

"Business with us is now better than ever. Prospects for the fancy poultry business in this country seem to me to be brighter or greater than ever before.

"Very truly,

"Percy A. Cook."

## RUSSELL FARM

WHITE WYANDOTTES S. C. RHODE ISLAND REDS

Winners at the leading shows of the U. S. and Canada. Our record at Madison Square Garden and Boston is sufficient proof of quality. At Boston, Jan. 1914 the White Wyandotte show of America, our White Wyandottes were awarded 1-5-6 Cock; 1-2-4 Hens; 3-6 Cockerels; 1-2 Pullets; 1-3-5 Pen. For complete winnings this season on Wyandottes and Reds, also prices on eggs and stock, write

RUSSELL FARM, 437-W. Jarvis St., TORONTO, ONT. CAN.

## SMITH'S S. C. BLACK MINORCAS

My wonderful record of all 5 first prizes in a quality class at Boston, Jan. 12-17, 1914 proves conclusively that I have the quality flock of America. My Complete winnings were 1-3 Cock; 1-3 Hen; 1-2-3 Cockerel; 1-2-4 Pullet; 1 Pen. Better prepare for next season by securing some of this winning blood—Several choice cockerels for sale. Eggs for Hatching or Baby Chicks—Have 43 breeding pens mated and can supply hatching eggs or baby chicks in any number. Send for descriptive catalogue.

WM. A. SMITH, Box 536-W, METUCHEN, N. J.

SUNNYBROOK FARM, EATONTOWN, N. J.

January 15, 1914.

Gentlemen:—

We have had the best season in our history, making splendid winnings and supplying more high class winners than ever before. Our pens of White and Columbian Wyandottes are the best we ever mated, and we believe there is no better value to be found anywhere than in our "Eggs for Hatching." Our Mating List will be sent on request and gives detailed list of our winnings. Did you notice what a splendid record our White Wyandottes made in the Missouri Egg Laying Contest?

Yours very truly,

*Charles D. Coleman*

In Charge of Poultry Department

## Grove Hill Again Runs Away With All First Prizes



and all Specials on Single Comb Brown Leghorns at Boston, 1914 Total winnings were 1-2 Cock; 1-3 Hen; 1-2-3 Cockerel; 1-2-3 Pullet and 1 Pen.

Our pens of Barred Plymouth Rocks for Display only were the admiration of all, and several specimens were conceded to be able to win the blue had they been in competition.

We are not making a business of selling eggs for hatching this year, yet to please disappointed customers shall offer 10 settings each from Barred Plymouth Rocks and S. C. Brown Leghorns at \$25.00 per setting. No delivery guaranteed until April 1st.

SPECIAL! Fine Rouen Ducks for breeding.

GROVE HILL POULTRY YARDS,

Box 804,

WALTHAM, MASS

Wm. Elery Bright, Prop.,

F. C. Cook, Supt.



Yearlings (hens) 1 cockerel (worth \$5.00) all for \$3.50 don't wait. Order right now while you are thinking of it. Send for catalogue, its free, and the reason why we are closing out all but two breeds.

FORT ANN, N. Y.,

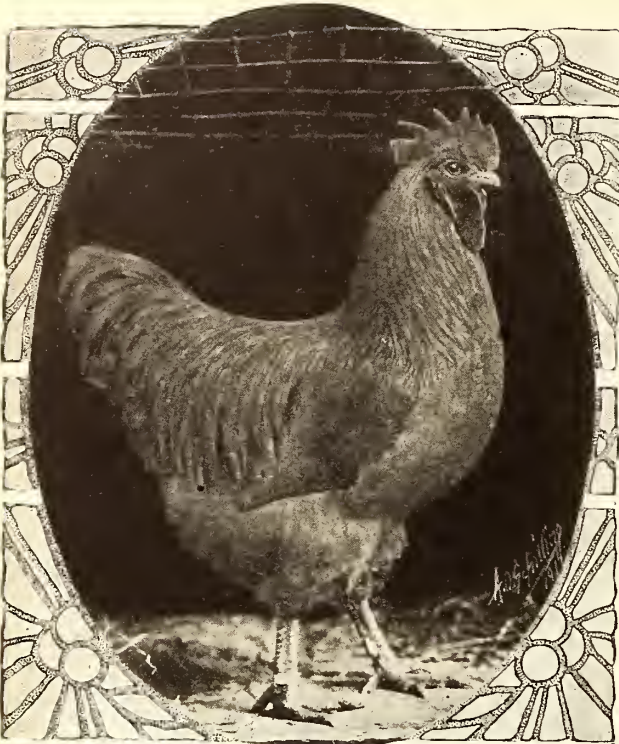
Box W,

AN HISTORIC SPOT

### EGGS FOR HATCHING:

Our increased facilities with that of utilizing one entire farm to each breed, two farms, two breeds) S. C. White Leghorns and Light Brahms, places us in a position to *defy quality and prices with expediency and absolute accuracy assured.* No possibility of anything but careful and intelligent selections of the highest of high grade pure bred S. C. White Leghorns and Light Brahms. You take no chance, neither do we, Underhill gives his entire attention and time to them and nothing else, isn't it worth your consideration? To those ordering direct from this ad mentioning this Journal we will make this *most extraordinary low price.* Eggs from exhibition matings White Leghorns \$2.00 per setting of 15 eggs. High grade utility yearlings eggs \$5.00 per 100, \$40.00 per 1000. Fertility Guaranteed. Baby chicks \$10.00 per 100. One-quarter of the full amount of order at the time it is booked, balance at the time you want them shipped, we urge early booking, a few more Brown Leghorns to close out. 2





BUFF ROCK COCK WINNER OF FIRST PRIZE  
MADISON SQ. GARDEN DEC 1913 BRED AND OWNED BY  
FRED ARMER BALLSTON SPA. N.Y.

Fred Armer, Ballston Spa, N. Y. has been a consistent winner with his Buff Plymouth Rocks for a number of years past. At such shows as Albany, New York State Fair and Madison Square Garden, he has generally been among the successful exhibitors. At the recent Garden Show he won three of the five first prizes. Mr. Armer's Buff Plymouth Rocks are an old and established strain and possess excellent size, good type and fine even color of the proper shade of buff. As a general rule Armer's Buff Rocks are known to possess excellent head points with nice evenly serrated low set combs, although the picture of the cock shown above lacks somewhat in this respect, it is an exception. He was a wonderfully colored specimen and very hard to find fault with in other respects and should make a valuable breeder if mated properly.—A. O. Schilling.

Breeder of all varieties of Orpingtons.

"London, Ont., February 14, 1914,  
"Will you kindly note that we have changed the name of our yards and have also added White and Partridge Wyandottes? Trade has been very good this past three months and we are getting in line to look after what appears to be a bumper season for stock and eggs—that is, if inquiries are any criterion to go by.

"Very truly yours,  
"Wray Bros."

Breeders of Silver, Golden, White and Partridge Wyandottes.

Leading fanciers appear to believe, as a rule, that the so-called "craze" for buying day-old chicks has subsided to a considerable extent, or at least has shifted to low-price, utility stock. This is quite sure to be the case, sooner or later. Buying day-old chicks at two to five dollars apiece early in the season, while cold, changeable weather still has to be reckoned with, is taking long chances—of this there can be no doubt. As a general rule it is far safer to buy eggs for hatching, if you want strictly high-class stock and have the facilities for hatching the eggs.

Going a step farther, if you earnestly desire to get a good start, it still is "best of all" to buy properly mated, high-class breeding stock, a pen or a trio rather than to invest either in hatching eggs or baby chicks, provided you can spare the necessary amount of money. These breeders should come to you expertly mated and ought to produce good chicks, high-quality chicks, for two or three seasons. They will serve you as a pattern for further matings and the poultryman from whom you buy them should not only be able to tell you what to do, season after season, in strengthening your flock, but he can also furnish you "new blood", male or female, that will "nick" with your stock, old and young,

thus starting you on the right course and helping you to keep going right.

As between numbers and quality, pin your faith to **QUALITY**. Better buy a trio, a male and two females, or even a pair, than to invest the same amount of money in three or four times the number of inferior or comparatively worthless birds, looked at from the Standard point of view. Leave the "scrubs" to those who do not know the difference—to those to whom "a chicken is a chicken" and nothing more. Scrubs are worth pot price, as a rule, and that is all. But if that were "all" there is to the poultry industry of the present day, you, reader, would not be reading this poultry magazine, nor any other. Why so? Because there would not be any poultry journals—nor poultry shows—nor poultry husbandmen—nor poultry culture. The man who still advocates scrub chickens ought to raise potatoes, or cabbage—or go fishing for life.

#### QUESTION OF CROSS-BREDS VS. PURE-BREDS IN DOMESTIC FOWLS

In this issue of A. P. W., beginning on page 343, is published an article of unusual interest, entitled "The Supremacy of Pure-Bred Fowl". It was written by T. E. Quisenberry, Director of the Missouri State Poultry Experiment Station, Mountain Grove—the man who has been in personal charge of two annual National Egg-laying Contests and is now conducting a third contest of this kind.

In the article Mr. Quisenberry comes out strong for pure-bred fowl, as compared with scrubs and cross-breeds. He presents facts as well as argument and makes a good case in behalf of standard-bred fowl, as compared with strictly utility birds that may be devoid of beauty of outline, of color, of feather pattern, etc.

Mr. Quisenberry expresses regret that the Oregon White Leghorn which laid 303 eggs in three hundred and sixty-five consecutive days contained one-eighth Barred Plymouth Rock blood in her veins. It is not on account of the individual fowl that Mr. Quisenberry regrets her cross-bred ancestry, but he fears the effect of this cross-bred element, in connection with the effect it may have on the public view. He protests against the



## WILLIAM COOK & SONS

(Established 1873)

ORIGINATORS of all the ORPINGTONS

SCOTCH PLAINS, Box W, NEW JERSEY

**EVENTUALLY** if after the best Orpingtons, any variety including the **Blue**, you will send to their **ORIGINATORS**, Why not now? and avoid loss and disappointment. **SATISFACTION** and **SAFE DELIVERY GUARANTEED**, backed by a reputation of forty years. Send 10 cents for Illustrated Catalog with history of the Orpingtons and hints on poultry keeping. **Mating list free.** **EGGS** from our winners and the finest Orpingtons in the world \$20 a setting, from fine stock \$10. **We won in 1913**, 365 prizes including **170 firsts**, 105 seconds. Several thousand stock birds always for sale. **Advice free.** Inspection cordially invited. Over fourteen thousand first prizes won by us. **103 firsts in six showings in Madison Square.**



crossing of pure-breds—done so on the ground that it is wholly unnecessary, and we agree with him.

On the other hand, the venerable I. K. Felch sets forth that a fowl or animal that has only one-eighth foreign blood is really a pure-bred. Writing for the December, 1913, issue of A. P. W., Mr. Felch said, on this point:

"The White Leghorn hen that laid 303 eggs at the Oregon State Experiment Station is a thoroughbred. Any fowl that passes the three-fourths blood mixture, becomes a thoroughbred. In the Oregon hen the one-eighth blood of the Barred Rock cross has been consumed in its vitalizing use. England calls three-fourths pure-blood, in any breed, a full-blood. This is so over there in other live stock besides poultry."

Treating on the subject of the alleged value of cross-breeding, Mr. Felch made this statement, as published on page 166 of January A. P. W.:

"Cross-breeds are known to lay well, that is, a first cross will lay well, a fact that has been known to poultrymen for many years. But it is foolish to produce cross-breeds, because they never will bring high prices. It takes more

than usefulness to reach the top prices. Beauty counts for much—meaning attractive appearance in shape, color and feather markings".

Let it be borne in mind that Professor James Dryden, poultry instructor and investigator at the State Experiment Station, Corvallis, Oregon, does not advocate cross-breeding or the "indiscriminate crossing of breeds", as he expresses it. In a letter of date November 11th, 1913, written to the editor of the AMERICAN POULTRY WORLD, Professor Dryden said:

"In regard to the breeding of this 300-egger (actual record 303 eggs), she is related to the 291-egg hen and is seven-eighths Leghorn and one-eighth Barred Plymouth Rock. Our object in crossing was to study the effect of this method of breeding on the vitality of the stock and, if possible, to breed up a strain or variety of fowls having as its chief characteristic high egg-production.

tion, using stock with records of over 200 eggs.

"It is not intended, of course, to encourage indiscriminate crossing of breeds. There is no danger, so far as egg-laying qualities go, in the first cross; but because the first cross gives good results the poultry-keeper should not jump to the conclusion that a little more crossing will give equally good results. The laying of eggs or the getting of a good egg-yield is not a question of breeds, as we have them today; it is a question of individuals, and to make any progress in breeding for eggs we must know the individuals, and the farther back we know them the more certainly we can follow up our breeding operations."

That the average breeder of standard-bred fowl has not paid as much attention to prolific egg-yield during recent years as should be the case, must be admitted by all candid and well-informed persons. However, a decided change for the better has taken place in this respect during the

#### ROSE and SINGLE COMB R. I. REDS---Princess Strain

Allows to sell you a setting of eggs from Pen 1, headed by "Criterion II", 1st cock at Greater Buffalo Show, or a setting from Pen 2, headed by 1st cockerel, shape and color special at Flower City Show, Rochester, N. Y. Every bird in these two pens are show winners, selected from N. Y. State Fair, Buffalo and Rochester winners. Quality grand, prices very reasonable. 1914 Mating List ready. Write WADSWORTH & CASTER, Cockerels and Stock for sale.

RED-W-FARM,

Box "C"

WOLCOTT, N. Y.

# Regal Matings for 1914

## WHITE WYANDOTTES

For the season of 1914, I have mated up twenty beautiful exhibition matings. They are all headed by my winning Males at Boston and New York State Fair and contain all my exhibition females. My birds are the up-to-date kind, the kind that are winning today. Hundreds of my customers were winners in the shows this winter. Regal White Wyandottes have never avoided competition and no strain has made such consistent winnings in the largest shows. But this is not all, for years they have been bred for heavy egg production and stamina, and it is conceded by all that no strain has a better

record for usefulness. February 1st we have 420 rugged thrifty chicks practically out of danger, having lost only 10 chicks to date. Our breeders are in curtain front houses and are the picture of health. Upon my show record and the utility quality of my birds, I base my claim that Regal White Wyandottes are the best in the world. My customers will have an opportunity of obtaining eggs from these—the Champion matings of the year. If you are starting in, the strain you choose will mean either success or failure for you. Can you make a better choice than the Regal Strain? A few settings of eggs will not cost you a great deal and will prove a good investment. See what one customer says:—

ADAMS, N. Y., December 5, 1913.

My chicks are coming on fine. I raised to maturity 23 pullets and 16 cockerels from the eggs I bought of you. They are the nicest and most uniform in size of any I ever raised and all absolutely snow white. Have had scant shade in the yards at that.

When I buy Regal Stock I have no trouble in selling the surplus cockerels for more than enough to pay for eggs bought and cost of raising the lot, so my pullets really cost me nothing.

The pullets are now laying and I consider them worth at least \$4 each for breeding purposes (being straight Dorcas line stock), so you can see that while I paid a big price for the eggs, I have made several hundred per cent. on the investment.

Thanking you for prompt service and courteous treatment, I remain

Yours very truly,

A. L. RICE.



**Crusader III. A Boston Winner**

Exhibition matings, pens 1 to 20 (as they run) \$5 per 15, \$9 per 30, \$12 per 45, \$24 per 100; Pens 5 to 12 are special matings. Eggs from special matings only are \$10 per 15, \$18 per 30, \$25 per 45, \$50 per 100. **Record Laying Pens (Dorcas Line).** Pens 21 to 26 are headed by males bred from females with high records. Some of these males also have exhibition records. The females in the six pens are composed of yearlings with trap-nest records from 180 to 224, and pullets of the same breeding. From these pens eggs are \$5 per 15, \$15 per 50, \$27 per 100. \$50 per 200. Utility matings of vigorous surplus stock, \$5 per 50, \$9 per 100, \$17 per 200, \$25 per 300, \$75 per 1000. 500 Cocks, Hens, Cockerels and Pullets for sale.

**SPECIAL.**—50 Big, vigorous, stay-white Dorcas Cockerels, \$10, \$15, \$20 and \$25 each. Dorcas Pullets, \$5, \$8 and \$10 each. Utility Cockerels, \$3 and \$5 each. Free—20 page illustrated catalogue and mating list. It gives full description of my matings for 1914.

**JOHN S. MARTIN,**

**Box W,**

**PORT DOVER, CANADA**

### 1913 WINNING

#### Boston

Cocks 1-6

Hens 1-4-5

Cockerels 1-3-4

Pullets 1-3-4

Pens 2-3-4

#### New York State Fair

Cocks 1-2-3-4-5

Hens 1-2-3-4

Cockerels 1-2-3-4-5

Pullets 1-2-4-5

Pens (Young) 1-2-3-4-5

Pens (Old) 1-2-3-4-5





Williams Bros. & Brace, Fullerton, Calif. have made a grand showing this past season with their S. C. Brown Leghorns at three of the best shows held in the East. Their record in the cock classes is worthy of special mention. At Buffalo Show this firm won first prize on cock and at Chicago Coliseum Show they won both first and second. First prize Chicago cock was shipped back to the breeding yards at Fullerton, Calif. after the Chicago Show, while the second cock was entered at Madison Square Garden a few weeks later and there carried off the blue ribbon in a strong class. He was a very showy bird possessing plenty of style and color as may be seen by the above illustration. —A. O. Schilling

last five or six years, generally speaking, and it is evident that in future far more attention will be paid to egg-yield than previously. This is as it should be. Eggs and milk comprise the two best natural foods available to mankind and it is important that their production be very largely increased, as time goes on.

Unquestionably the constitutional vigor of the numerous different breeds and varieties of so-called standard-bred fowl, can be maintained without cross-breeding. Really it is not a question of straight breeding or of cross-breeding, but a question of in-

herent vigor in different families, strains or individuals. To cross-breed two sickly or debilitated specimens, no matter how opposite they might be as regards breed characteristics, would not produce offspring strong in constitution, up in weight and prolific in egg-yield. For example, it would be silly to claim that Americans should not intermarry for fear of deterioration, but should mate with members of a foreign race, making this the test of constitutional vigor, of longevity, of procreative power, etc.

In the light of present knowledge, we look upon it as a mere incident that the Oregon 303-egg hen was one-eighth Barred Plymouth Rock. She might just as well have been eight-eighths White Leghorn or one-fourth Barred Plymouth Rock. She could just as well have been eight-eighths White Plymouth Rock or seven-eighths White Plymouth Rock and one-eighth White Leghorn. Personally, we have not the least doubt but that quite a number of hens of several different breeds, including Leghorns, Plymouth Rocks and Wyandottes, have passed the 300-egg mark to date, or in time past. But the true distinction belongs to Professor Dryden of having handled the first pullet-hen that in the year of her heaviest production deposited in trap nests more than 300 eggs in three hundred and sixty-five consecutive days. It is an

honor that will perpetuate the name and poultry work of James Dryden as long as poultry literature is read and studied by enlightened people. All credit to him and may he persevere in the work until 300-egg-per-year hens shall be as common as 200-egg-per-year layers are now.

#### FROM THE MAN WHO PRODUCED A HEN THAT LAID 1,002 EGGS IN TRAP NESTS DURING HER LIFETIME

Because we regard increased egg-yield as being one of the three or four most interesting problems with which poultrymen have to deal, it is our intention to publish as many reliable reports on this subject as we can obtain. Remembering that Dr. N. W. Sanborn, Buff Wyandotte specialist of Holden, Mass., had produced a hen of this breed and variety, which, during the first seven years of her life, laid 1,002 eggs in trap nests, we wrote Dr. Sanborn and asked him to report the facts regarding this hen and to supply our readers with additional information regarding the Buff Wyandottes as layers. Following is Dr. Sanborn's report, under date January 10th, 1914:

"The report of the Oregon Agricultural College that they have a trap-nested hen, number C521, with a record of 303 eggs in 365 days, is good news to workers along utility lines. Certified egg records from the colleges and experiment stations, are helpful, at least so far as they endorse egg records from private sources. We have all been skeptical of advertised egg records and have taken them with mental allowance. Yet these egg records that we have been telling of, the last fifteen years, were those of '210 eggs per year', '196 eggs average for the flock', '1002 eggs in seven years' laying from one hen', etc. These reports now look small when compared with the best record hens at the Missouri Contest, at the North American Contest and,

#### S. C. Buff and White Orpingtons

S. C. Buff, White and Blue Leghorns, Buff Orpington Ducks, White China Geese, Eggs, Stock, Chicks.

Dunrobin Farm, Red Bank, N. J.

## == RANCOCAS == White Leghorns and White Rocks

Have won the principal honors at five of America's largest shows, this season, including Madison Square Garden and Boston. Why not buy your hatching eggs where you can get the best?

Send for our complete winnings and mating list. Eggs from our best matings \$10.00 per 15.



**RANCOCAS POULTRY FARMS, Box 612, Browns Mills, N. J.**



lastly, with this 303-egg hen at Corvallis.

"I am told that this Oregon hen is a cross-bred bird, with Leghorn blood predominating. That she has a history is shown by the statement of Professor Dryden that she is seven-eighths Leghorn and one-eighth Plymouth Rock. The other large egg records that I have known about have been those made by thorough-bred birds. I do not believe in putting a lot of work into breeding cross-bred stock, as the same results along egg lines can be obtained with the same care when applied to the breeding of most of the Standard breeds. Blood lines can be found as wide apart, or nearly so, in the thorough-breds, handled as varieties, as in the crossing and re-crossing of two breeds.

"I am glad of the opportunity to tell what has been done by the Buff Wyandottes, as layers, at Colleges and in private hands. I have been in close touch with the Buff Wyandotte breeders for eighteen years, have been a utility breeder myself and I believe in them as business birds. In my own work with them I have been pleased to find that winners at Boston and New York shows could and did produce stock that

came up well in the reported egg yield.

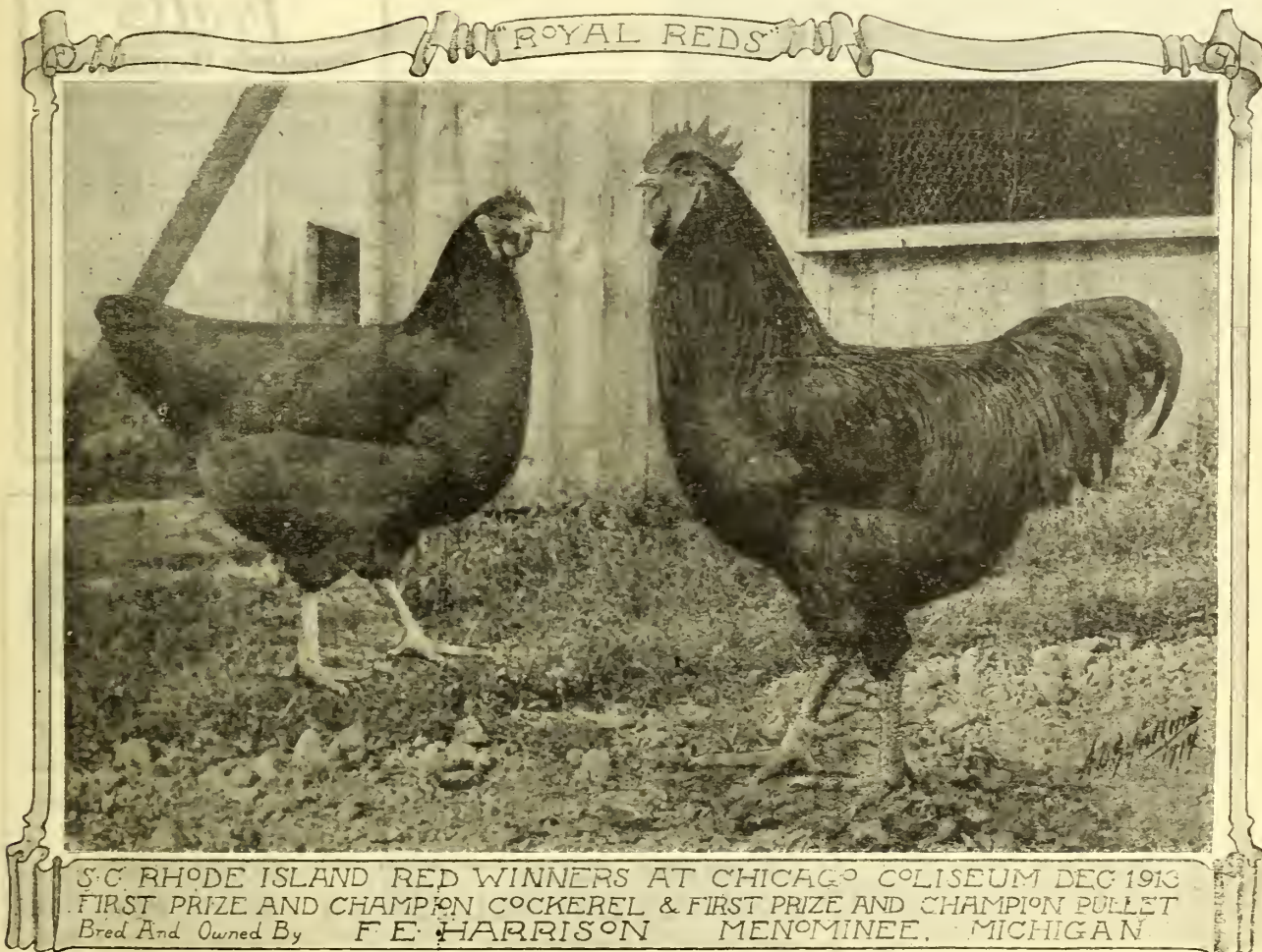
"In the AMERICAN POULTRY WORLD, two or three years ago, I told the story of a Buff Wyandotte hen, then alive, that had laid 1,002 eggs in eight years, though she had not laid an egg in the year previous to my writing. She was a show-bred hen, a winner having to her credit a blue ribbon in a class of twenty-nine pullets, besides other winnings later in life. She is gone now, but her blood lines are in the hens that make up the leading pen at the Napa County, California, egg contest, where sixty-six pens have been under test for eight months.

"In your letter you ask: 'What have Buff Wyandottes been doing in these contests?' Let me give you the facts:

"At the first North American Egg Contest, held at the Connecticut State College, at Storrs, the best average variety egg record was made by the Buff Wyandottes. The average was 169 eggs. Not high, you may say, but the best in the year's contest. While the winning pen was a White Leghorn, yet there were so many poor laying pens as to bring the average of White Leghorns down to 161 eggs.

"At the second Missouri Egg Contest, ending on November 30th, 1913, the second winning pen was Buff Wyandotte, with a record of 1884 eggs—an average egg-yield of 188 eggs. In this pen were four pullets that went above the 200-egg record—222, 215, 217, 220 eggs. These ten pullets were fancy bred, and selected, as I am told by the owner, from 'twelve of the first lot hatched in the incubator'. What about the other pens of Buff Wyandottes at Mountain Grove, Missouri? It is interesting reading. A Buff Wyandotte pen from Vermont, laid 1661 eggs, with one hen laying 255 eggs. Another pen from Missouri laid 1458 eggs, the best hen laying 253 eggs. These are records of the College, by means of trap nests—not records given by breeders of their own work.

"Out on the Pacific Coast the poultrymen are awake to the practical as well as the fancy side of the business. A year ago the Napa County Poultry Association decided to have a twelve-months' egg contest. They put up a big building to shelter the birds and provide space for the manager. Then they sent out notices of what they proposed to do. It resulted in the bringing together



One hundred six S. C. Red Cockerels and thirty-nine pullets were shown at the recent Coliseum Chicago Show and the two specimens shown in above picture were the choice of Judge Jas. T. Tucker to wear the blue ribbon, and were also awarded the honor of Championship male and Championship female. F. E. Harrison, Menominee, Mich., originator of the "Royal Red" Strain has established a wonderful show record as "Royal Reds" seem to win wherever they go, either for Mr. Harrison or for his customers and no doubt the future will witness many more honors added to their already large list of victories.—A. O. Schilling





FIRST PRIZE R.C. WHITE MINORCA COCKEREL  
MADISON SQ GARDEN, N.Y. DEC. 1913  
GEORGE TRACEY KINDERHOOK, N.Y.

George Tracey Kinderhook, N. Y. is well known to the Rhode Island Red fraternity as one of the best judges and breeders of this variety in America, but to find him among the exhibitors of R. C. White Minorcas at the recent Garden Show was quite a surprise to his many friends. Mr. Tracey has taken up the latter breed with much enthusiasm and is producing excellent show specimens. The cockerel shown above was winner of first prize at Madison Square Garden recently and as his portrait represents, he is a true Minorca in every way, having plenty of length of legs, good oblong body, and a nice comb set well upon his head. He should prove to be a very valuable breeder and we hope Mr. Tracey will be able to duplicate him many times for next season's show purposes.—A. O. Schilling.

of sixty-six pens, all under one roof, with no outside runs.

"The contest began February 1st, and at the end of the eighth month the leading pen was of Buff Wyandottes. This pen in the eight months, six pullets in the pen, had laid 769 eggs, with the next pen record 744, and the third pen, 673 eggs. Both second and third pens were White Leghorns. From a personal letter from the owner of this winning Buff Wyandotte pen, I quote: 'Surely we have a good laying strain and I am delighted with their performance. They are doing themselves and the breed proud. They are bred from blue ribbon winners too, and show their breeding on the egg basket. I am enclosing a photo of the sire of the pullets in the egg pen. He is a grand good bird, out of the first lot of eggs you sent me.'

"Now I want to get back to that hen that laid the 1002 eggs in seven laying seasons. All the blood in that California winning pen is out of my 1002-egg hen mated to a son of the first World's Fair (St. Louis) pullet. Here we have in-breeding and line-breeding of a

few birds that were at the top at big classes at big shows, yet their grand-daughters go into a sixty-six pen egg-contest and reach the lead at the fourth month and held the record at the end of the eighth month.

"The 1002 eggs above referred to were laid year by year as follows:

First year, 208 eggs.

Second year, 157 eggs.

Third year, 120 eggs.

Fourth year, 136 eggs.

Fifth year, 139 eggs.

Sixth year, 128 eggs.

Seventh year, 114 eggs.

Eighth year, No eggs.

"There is no need of cross-breeding to get layers, when you can get in the Buff Wyandottes the records that are attested by such public institutions as I have named. I often wish I had the time and money to put into this egg work, as could be put into it by the agricultural colleges. The best I can do now is to peg away, using trap nests on some of my best pens, doing a little pedigree work along egg lines and being sure of the blood lines of my stock birds. Meanwhile, I must be satisfied with reports of what other folks

are doing, and what I can glean from the bulletins as they come to me from Egg Contests.

## Silver Penciled Wyandottes

For Choice Stock Write

HOARCE HAVEMEYER, STAMFORD, CONN.

## LO-GLO INCUBATORS

Hatch By Electricity

No Smoke, Soot, Odors or Danger. Built of Steel. Absolutely Automatic.

No more trouble than your electric light. Write for

and see how easy it is to have big hatches of vigorous chicks without worry or work.

STANDARD ELECTRIC INCUBATOR CO.,

Greenwich St., New York



## Bigger Hatches

Eggs hatch better if the hens are in perfect condition.

**Pratts**

## Poultry Regulator

pays big the year 'round. It prevents disease, sharpens the appetite, improves digestion. You'll get more "live" eggs—more and stronger chicks.

Packages 25c, 50c, \$1.00. 25 lb. pail, \$2.50.

Satisfaction Guaranteed or Money Back.

Refuse substitutes; insist on Pratts.

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A Sure Preventive and Cure  
PRATT FOOD COMPANY  
PHILADELPHIA, CHICAGO, TORONTO

## Maplewood Winning Strain of

## S. C. White Leghorns

## and Pekin Ducks



Winners of 35 firsts and 33 seconds at the Greater New York, New York State Fair, Greater Buffalo, Rochester, Poughkeepsie and Warsaw Shows during 1913.

Maplewood Stock is also noted for prolific egg production, early maturity and rugged vigor, as well as standard requirements.

MAPLEWOOD BABY CHICKS LIVE AND GROW. MAPLEWOOD HATCHING EGGS ARE HIGH IN FERTILITY. MAPLEWOOD PRICES ARE UNEQUALLED FOR QUALITY.

LEGHORN EGGS from selected heavy layers \$10.00 PER 100.

LEGHORN DAY-OLD CHICKS \$12.50 PER 100.

Leghorn Eggs from Exhibition matings \$5.00 per setting. Baby Chicks 40 cents each. Pekin Duck Eggs 15 cents each; Baby Ducklings 25 cents each. Stock for Sale. We can furnish splendid values in Leghorn males and females bred from our heavy laying strains and Pekin ducks that are wonders for size. We Guarantee to refund your money if stock is not as represented. Day-old-chicks to arrive in good condition. Hatching eggs to produce a high percentage of healthy chicks. Send For our catalogue before placing your orders. It tells about our stock and our methods. A postal will bring it.

MAPLEWOOD POULTRY YARDS, H. W. Hayner, Supt., Box W, ATTICA, N. Y.



**EVERGOLD BUFF WYANDOTTES**

Rocky Run Farms, Northfield, Ohio, breeders of Evergold Strain Buff Wyandottes, have an interesting little 20 page booklet that they would be glad to put into the hands of every fancier of the Buff Wyandottes. Among other things the book contains a chapter entitled "Poultry Breeding For Pleasure and Profit." In this chapter is pointed out why they believe the Buff Wyandotte is superior to any other variety as a profit producer and some of the arguments that they put forward are very convincing indeed. They also give the complete show record that has been made by the Evergold Strain. When we say that this record embraces shows in twenty-two states and Canada, ranging from Massachusetts on the east to California on the west, and from Texas on the south to Canada on the north, it will give an idea how extensively the Evergolts are bred and exhibited. This little booklet together with their mating list will be sent free to all readers of this publication upon application, or if they desire a copy of their beautiful

illustrated catalogue upon the Feeding and Breeding of Buff Wyandottes, they should send 20c in stamps to Rocky Run Farm, Northfield, Ohio.

**FAIRVIEW CATALOGUE**

We have just received a copy of the 1914 catalogue of the Fairview White Plymouth Rocks issued by Guy Daily, Jeffersonville, Ind., originator and breeder of the Fairview strain. This book consists of 32 pages and a cover, in colors, and reflects much credit upon Mr. Daily's enterprise as a progressive poultry breeder. The book is printed on fine quality of highly calendered paper and is profusely illustrated with cuts of many of his prize winners, also several views of his plant. It is a publication that every breeder of White Plymouth Rocks should be proud to possess and it will be sent free to any reader interested in better White Plymouth Rocks, if they will mention this publication when writing. You should address your request to Guy Daily, Box G, Jeffersonville, Ind.

**PAYNE BROS. REDS**

Payne Bros., Portland, Conn., breeders of farm raised R. C. Rhode Island Reds for exhibition and utility, closed a very successful show season at Meriden, Conn., in January by winning 1-2-4 cock; 1-2-3-4 hen; 1-2-3-4 cockerel; 1-2-3 pullet; 1-2-4 pen; all Rhode Island Red Club specials and color ribbons, cup for best display and president's cup for best display in any one variety of poultry. This record was made with an almost entirely different string of birds than was shown at New Haven and New York by the Messrs. Payne, and combined with the record at the latter shows gives them one of the most successful show seasons they have ever had. In a recent letter they advise that their matings this season are the best that they ever had and that they look forward to producing some of the best birds they have ever raised. Egg orders are now being booked and as their prices range from \$2.00 to \$15 for 15 they can fit almost any pocketbook. They also have a few utility matings of dark, even well matured birds from which eggs will be sold at \$12 per 100.



## TOMPKINS' WINNINGS---WHAT THEY MEAN TO YOU, A POSSIBLE BUYER



**N**EVER in all my showing experience have I been up against such keen competition as in the past season. Take the New York Show at Madison Square Garden for instance; there were 300 entries of Rhode Island Reds.

In all the lot there were mighty few below average—you who were there know that full well. Still Tompkins Strain walked away with 7 ribbons and all shape specials on Single Combs. First Cock and the Item Cup being among them.

Now I might make a good winning at one show a year, but fall down on the others—but I don't. At the Palace Show in New York, at Boston and at the Madison Square, New York; Tompkins' birds made big winnings and each time under different judges.

Another thing to bear in mind is, that this isn't the first year Tompkins has won. **It's the twelfth.** Year after year, we have captured Blue ribbons. My strongest competitors now are birds of my own strain, belonging to my customers. They are giving me the merriest kind of a hustle at the shows.



This grand bird won first ribbon and shape special in the December, 1913, Madison Square Show, New York, against the strongest competition I have ever experienced.



At the Palace Show at New York, last December, this Tompkins Top Notch Special walked away with the much contested First Prize. First on Rose Comb and first on Single Comb in the one year at different shows awarded by different judges.

Of far more importance to me than all the first and other ribbons I won, is the fact that at all three of the big shows I won Blue Ribbons and Specials for Best Display.

The real meaning of which is, that my strain of Reds **average high right straight through.** It is not a case of picking out a few from a large flock. Every one who knows my little old farm up at Concord, knows I don't cary a big flock of birds, but **those I do have, are superior.**

These then are the vital things to think about in deciding where to place your egg orders. They are the things that should govern your purchase of pens or single birds whether in rose or single combs.

My Mating List is ready. My new catalog has a full list of my 1913-14 winnings. Send for both. Orders are filled in order received—which means there are sometimes certain advantages in being among the first.



# LESTER TOMPKINS



## Tompkins' Rhode Island Reds

CONCORD, MASS.



# EDITORIAL NOTES AND COMMENT

WILLIAM C. DENNY

— ASSOCIATE EDITOR —

Indications point to a large number of applications for the admission of new breeds and varieties to the Standard of Perfection. Breeders of Silver and Golden Campines, Speckled, Red and Light Sussex, Buttercups, Salmon and White Faverolles, Blue Orpingtons, White Houdans, R. C. Anconas and a number of varieties of Ornamental Bantams are included in this list. Of the above named, the Silver and Golden Campines and the Blue Orpingtons have attracted the most attention and are bred more extensively by American poultrymen than any of the others mentioned, though at the present time Buttercups are attracting considerable attention, also White Faverolles and the Speckled and Red Sussex. With the exception of the White Houdan and the R. C. Ancona all of the aforementioned varieties have been bred in European countries long enough so it can be said they are established and have variety characteristics.

In order to be recognized as Standard, any breed or variety applying for admission, must be able to produce 50 per cent. of the specimens reasonably true to type and have the characteristics of the breed or variety as set forth in the Standard description. Also, two generations of both male and female must have been exhibited annually for three successive show seasons at one or more shows under the American Poultry Association rules. A written statement by one or more poultry judges, who are members of the American Poultry Association and who have officiated at these shows, setting forth the qualifications for admission to the Standard of Perfection shall be furnished by the judge to the Secretary-Treasurer of the American Poultry Association.

—o—  
The rage for Buttercups has invaded England. It is reported that a well

known Massachusetts poultryman acting as agent for English breeders has exported 300 head of Buttercups to that country during this past year. After the prosperous trade that our English cousins have had in furnishing White Orpingtons and Campines to American poultry breeders, it seems good to have the positions reversed, and that poultrymen here are able to

credit where it is due, and, therefore, we must confess that the introduction of the Sicilian Buttercup into this country is another feather in the cap of our American cousins. There are numerous instances of the States having found a good breed, and after perfecting it to a degree and fixing its special characteristics, introducing it to the notice of

British farmers and utility poultry keepers. Some finds have been excellent, others not quite so good, but in every case the breeds thus brought to our notice have been described as the last work in perfection. We always expect to have to use a fair quantity of salt when swallowing the laudatory statements made by American breeders, hence though Buttercups may be the coming breed we do not think their qualities—external and internal—justify all that has been said in their favor. Of other breeds that have arrived here via America, we may mention the Leghorn, Ancona and Brahmas, and among ducks the Pekin. The American does show initiative, a virtue that we might well adopt in this country."

The same number of this publication contains several articles on the Buttercups from the viewpoint of well known English breeders, and also quotes a number of prominent members of the American Buttercup Club, and articles that have appeared in several American poultry publications.

The November number of A. P. W. contained a lengthy article that was written and illustrated by Artist Schilling. As a result of its publication, Mr. Schilling has received a large amount of correspondence from breeders, some of whom do not share a number of his views and others that do. Another article by Mr. Schilling in which he will incorporate the opinion of these writers will ap-

## CONSISTENCY THOU ART A JEWEL

The following excerpts by D. Lincoln Orr appeared in the February number of *Reliable Poultry Journal* in "Eastern Notes and Comment", a regular department conducted by Mr. Orr:

"I am through showing White Faverolles after the Garden show this year, as I feel that to win, one must blue and bleach, and that I will not do if I never win another prize. Better, by far, to lose on an honest bird than to win on a faked one. Other people can do as they please, or as they are allowed by the American Poultry Association, but for me, I will not show. I am driven out of the show room as regards white fowls. The American Poultry Association ought to make it legal or stop it.

"I judged a show recently and found a bird that was a wonder. Really, it was about the grandest specimen I ever saw of its class. Not only was it a grand show bird, but it was my idea of a grand breeder. But—that bird had a tiny little down between two of its toes! I did not have the heart to, to—well, I just hung up a blue ribbon after pulling out the down, and I had no regrets." \* \* \* \*

In the one Mr. Orr, who was an exhibitor in the White Faverolle class at Madison Square Garden, finds fault because the winners were conditioned, so he says, in a manner to deceive the judge. In the other he finds fault with the Standard of Perfection, because he does not believe that it should provide for the disqualification of clean legged varieties found with down between the toes. Mr. Orr goes on to say that because he does not believe in the Standard law, while judging, he removed down from between the toes of an attractive specimen and awarded the bird a blue ribbon.

Mr. Orr is a pretty good advertiser of himself and the above two paragraphs would read beautifully, but they are not at all consistent. THERE IS JUST AS MUCH FAKING CONNECTED WITH THE REMOVING OF DOWN BETWEEN THE TOES AS THERE IS IN BLEACHING PLUMAGE UNDER PRESENT RULES OF THE STANDARD OF PERFECTION.

supply demand that exists in the country across the big pond.

In commenting on the invasion of the Buttercup in the February issue of *Illustrated Poultry Record*, Edw. T. Brown says:

"ENGLAND FROM EUROPE  
VIA AMERICA"

"We are always glad to give

written and illustrated by Artist Schilling. As a result of its publication, Mr. Schilling has received a large amount of correspondence from breeders, some of whom do not share a number of his views and others that do. Another article by Mr. Schilling in which he will incorporate the opinion of these writers will ap-



## BUFF ORPINGTONS

FASHION PLATE STRAIN

100 Cockerels at \$5.00, \$10.00, \$15.00, \$20.00 or \$25.00 each. Select your bird and we will fit the quality to your price and give 125 cents in value for every dollar you remit.

200 pullets and 50 yearling hens going at \$2.50, \$3.00, \$4.00 and \$5.00 each.

See the 1914 Orpington Fashion Plate Book; study the description of our 28 matings, Fashion Plate Buifs in natural color. 56 pages—FREE.

A. E. MARTZ & SON, BUFF ORPINGTON SPECIALIST,

Box E,

ARCADIA, IND.



pear in the April issue. If the Buttercups are to be admitted to the 1915 Standard, the proper description for shape and color must be adopted and



A "Crimson Strain" S. C. Rhode Island Red, winner of four first prizes and many specials. Bred and owned by China Hanchett, Verona, New York, and at the head of one of his breeding pens this season.

application made to the American Poultry Association without further delay.

—O—

White Faverolle breeders are discussing the question of whether the breed shall have clean or feathered legs and four or five toes. It does seem as if it would be a mistake to establish a Standard that would do away with such important breed characteristics as feathered legs and five toes on any of the Faverolle varieties. We know that many poultry keepers do not look with favor on a breed that does not possess clean shanks and toes, but there are plenty who have no objections on this score, especially if the breed has merit as a layer and market fowl.

The Faverolle is a French breed, and is named after the town of Faverolles, a place in the northern part of France. In this part of that country it is very popular with those engaged in the production of market poultry and eggs. Faverolles are splendid layers, especially in the winter, and well adapted for market purposes. The carcass is of medium size, is fine boned and abundantly covered with meat. All varieties of the breed lend themselves readily to crate fattening.

The Faverolle is a result of crosses of the Dorking, Houdan and the Cochinchina or Brahma. It inherits the

fifth toe from the Dorking and the Houdan, feathered legs from the Cochinchina or the Brahma, the beard and muff from the Houdan. The breed was introduced from France into England in 1892 or '93. Its first appearance in America was some eight or ten years later. At the time there were but two varieties, the Salmon and the White or Ermine. In color the latter variety was a poor imitation of the Light Brahma. Since their introduction to America, English breeders have perfected a pure white variety so that there are now three distinct varieties of the breed.

It is only the breeders of White Faverolles in America who are divided on the question of whether or no the breed Standard shall continue to call for the fifth toe and feathered legs. As these are breed characteristics, we believe that they should be continued. The Dorking and Houdan are two breeds that are especially noted for their prime qualities as a market fowl. Both breeds have five toes, but we do not intimate that the fifth toe is responsible for those qualities. On the other hand it has not hurt them, and it will not hurt the Faverolle. The English Faverolle Standard calls for slight feathering down the outside of the shank to the end of the outer toe, and this feathering is described as being "soft in texture and without any sign of vulture hock". If the majority of the breeders of the White variety want clean shanks and four

## TAYLOR'S BLUE ANDALUSIANS

Female. Golden Pheasants also Black and White R. C. Bantams. Stock reasonably priced all ways for sale. Egg orders now being booked.

L. C. TAYLOR,

Box W,

GIBSONBURY, OHIO

## Maplehurst Farm Champion Black Orpingtons

By our sweep at the great Boston Show, Jan. 13 to 17, 1914, competing against the best that could be imported from England and Canada we have demonstrated that the *Maplehurst Strain of Black Orpingtons* is equal to any in the world. We won 1st and 5th Cock, 1st and 4th Hen, 2nd and 3rd Cockerel, 2nd and 3rd Pullet and 1st Pen. Special for best display, special best shaped female, special best colored female, special best colored male, and special best Pen. 50 large vigorous Cockerels at at reasonable prices. Let us book your orders for eggs now, price will be \$5.00 per 13, from our Champion Matings.

MAPLEHURST FARM,

Box W,

KINGSTON, R. I.

## URBAN FARMS

## PINE RIDGE

## BUFFALO, N. Y.

Ask for our 1914 Mating List of Prize Winning BLACK LANGSHANS, WHITE PLYMOUTH ROCKS, ANCONAS, HOUDANS, SILVER CAMPINES, MOTTLED JAVAS, BLACK TAILED WHITE JAPANESE BANTAMS and MILLE FLEURS.

**Dartmoor Dark Cornish** Win at Chicago, Dec. 1913. 1-5 cock, 4-5 hen 1 cockerel, 2 pullet, demonstrating the fact that the Dartmoor line is still a leader among Cornish. A limited number of eggs for disposal. Write your wants.

Dartmoor Yards, C. S. Brent, Prop., Oconomowoc, Wisc.

ROSE COMB WHITE LEGHORN'S BLACK WYANDOTTES

BUFF ROCKS COLORED MUSCOVY and FAWN DUCKS

208 prizes at large exhibits; Stock and Eggs.

Free Circular,

LOUIS H. PERRY, Route 7, CLAY, N. Y.

## FOR SALE

Beautiful suburban home, modern dwelling, barn and equipped with several poultry houses. Nine acres, young fruit trees and large shade trees. Three miles to Buffalo, trolley at door.

Address SUBURBAN,

% American Poultry World, Buffalo, N. Y.

## AMERICAN REDS

and

## WHITE HOUDANS

Get a start and be among the pioneers with these great birds. Write for circular to

L. C. Baerman, Box W, Dunellen, N. J.

## UNDERWOOD'S HOUDANS



Winners New York, Chicago, Philadelphia, Buffalo, Rochester, etc. The Ideal Breed for small yards. Correspondence solicited. Circulars free.

J. A. UNDERWOOD

Box D, Penn Yan, N. Y.

\*\*\* Let us supply your reading matter—look up our clubbing combinations on another page \*\*\*

## PARTRIDGE ROCKS--The World's Best Strain--BRONZE TURKEYS

Our *Partridge Rocks* won every first and second prize, they competed for at the great Chicago and New York Shows, Dec. 1913. Our *Bronze Turkeys* won 20 of the 25 prizes at the recent Madison Square Garden Show, including all firsts. The finest exhibition and breeding stock in chickens and turkeys always for sale. Write wants. Catalogue.

BIRD BROS.,

Box H,

MEYERSDALE, PA.



toes, they should rename their variety and not try to trade on the reputation of a breed and at the same time do away with two of its most noticeable characteristics.

The head of the Faverolle is one of its most important features. The comb is single, medium in size and fine in texture, the wattles and ear lobes are small and should be covered with a beard and muff. The beard should be thick and full, rather than long and thin, while the muff or whiskers should be profuse and nearly cover the face.

Since their introduction into America, the White Faverolle has made many friends and there is now a splendid demand for stock at good prices. At the recent New York Show four specimens sold for \$300.00 and a pen of four females and a male for \$75.00. A number of other sales at good prices were reported at this show. The list of the well known poultrymen who are breeding this variety include August D. Arnold, Dillsburg, Pa., F. M. Turner, West Nyack, N. Y., Lew H. Bown, East Aurora, N. Y., Hugh A. Rose, Fonthill, Ont., W. M. Patteson, Penn Yan, N. Y., D. Lincoln Orr, Orr's Mills, N. Y., and others. A splendid example of the breed is shown, in the first prize Madison Square Garden cockerel belonging to F. M. Turner, proprietor of Dictograph Farms, West Nyack, N. Y., on page 341 of this issue.

—o—

The following editorial, written by Theo. Hewes, appears in the February issue of Inland Poultry Journal:

#### CAMPINE TYPE

"It is clearly evident, after studying the winners at the late Madison Square Garden Show, that the East and the West are radically apart on Campine type. If Mr. Platt's winners at the Garden show are to be taken as a standard from which to breed, then there will be an Eastern and a Western Campine Club formed—the very thing that the breeders of this variety cannot at this time afford.

"Mr. Platt favored a bird after the Minorca type—a large, rangy, straight-backed, abrupt angle at tail and neck, heavier boned, and lacking in the curved lines so much desired by Western breeders. Whether or not Mr. Platt's ideas are correct, and whether or not the Eastern breeders themselves favor this, it is a fact that

the winners in this show have very much to do with shaping ideas, as hundreds of breeders that no one knows, visit this show to study the winners and are influenced largely in their matings by the style of birds that are winning the prizes.

"Mr. Platt, like Mr. Schilling, has possibly had as good an opportunity as any two men in the United States to study this breed at home and abroad; but their winners were so radically different in New York and Chicago, that it is clearly evident that for the good of the breed and the good of themselves, they should get together and harmonize their ideas or refuse to judge the classes in these National exhibitions that have much to do with molding public opinion in regard to shape and color."

After a study of the Campines at a number of the past season's shows including the classes at Madison Square Garden, Chicago, Boston, Palace, Buffalo and Pittsburgh, and comparing the opinions of such well known breeders as Noeth, Patteson, Rankin, Hering, Jacobus, Himes, Prudhomme and others, we believe that breeders are nearly a unit as to what ideal Campine type and size should be. The Campine Club Standard calls for six

pound cocks, four pound hens, five pound cockerels, three and a half pound pullets. With the exception of hen which is the same, these weights are half a pound heavier than the Standard weights for Leghorns as adopted by the American Poultry Association at the Atlantic City Conven-

**Green's Golden Feather Strain**  
Rose Comb BUFF LEGHORNS Single Comb  
Illustrated Mating List Free  
**H. B. GREEN, DIXON, ILL.**

**MAPLEGLLEN FARMS S. C. REDS**  
(Tompkins and Scranton Strain)

*The World's Best. Our Matings are the Strongest in Our History. Eggs \$1.00 per 15, \$5.00 per 100.*

**J. S. Bergh, Jackson Corners, N. Y.**

**A MILLION HENS USE  
WELLCOME'S FAMOUS  
TRAP  
NEST**

Shows Which Hen Laid The Egg.  
PLANS, TRAPS, RECORD SHEETS  
**F. O. Wellcome, Box W, Yarmouth, Me.**  
Write NOW for prices and proof.

## IMPERIAL COLUMBIAN ROCKS

Winners at Madison Squares, Albany, New York State Fair, 1913 shows:  
14—Breeding pens. Day Old Chicks. 1914—Mating list now ready.  
**A. A. WHYLAND, Box 82, CHATHAM, N. Y.**

## TURNER'S ROSE COMB BUFF LEGHORNS

Blue ribbon winners at Boston, Brockton, Rockingham, Springfield, Holyoke, Portland, Sanford and other large shows. 3 Grand Pens. Send for mating list and buy your hatching eggs and stock from the home of the best R. C. Buff Leghorns in New England. Satisfaction guaranteed. **EDWARD J. TURNER, Box E, SPRINGVALE, ME.**

## QUALITY BUFF ROCKS

EGGS AND FOWLS

**W. J. WIBERLEY, PEEKSKILL, N. Y.**

## STILLWAGEN'S SINGLE and ROSE COMB REDS

After making a phenomenal record at Easton, Allentown and Hagerstown, my Reds close the season with the following record at the

### Great Philadelphia Show

where they were awarded 1-2-3 pullet, 2 cockerel, 4 cock, color special on male and female in the S. C. Class and 1 hen, 5 cockerel and 3 pullet on Rose Combs, proving conclusively that my strain possesses the size, color and type required to win in the closest competition. *Careful Line Breeding Does It.* A limited number of eggs for disposal from selected matings. Mating list now ready, write

**FREDERIC H. STILLWAGEN, 38 So. 7th St., ALLENTOWN, PA.**



## ANY ONE CAN WIN

WHERE THE CLASSES ARE SMALL AND THE COMPETITION IS NOT KEEN? BUT IT TAKES REAL QUALITY TO WIN IN SUCH SHOWS AS BOSTON AND MADISON SQUARE GARDEN.

## FAIRVIEW WHITE ROCKS

HAVE WON DECISIVELY OVER BOSTON AND MADISON SQUARE WINNERS. AT CHICAGO 1912 They won as many first as the Strain that has been winning the cream of the prizes at the Garden for the past seven or eight years. Again at the New York State Fair 1913. They won in competition with Boston and Madison Square Winners, more first than any competitor and as many firsts as all their competitors combined. These winnings Stamp "Fairview" White Rocks as America's Greatest Strain. New 32 Page Catalogue is ready and IT'S FREE. It is illustrated from cover to cover with photos of my grand winners and snap shots of my breeding pens and plant. Eggs from my 30 Grand matings, \$10 and \$15 per 15. Range eggs \$3 per 15 or \$10 per 100. Mating list free.

**GUY DAILY,**

**Box G,**

**JEFFERSONVILLE, IND.**



tion. A comparison of the Campine Standard with the Leghorn Standard for shape shows a decided similarity in the wording of many sections, and it would therefore seem that in drawing up their standard the Campine Club favored a tendency to Leghorn type. The Club Standard is not clear in describing the shape of back. It does not state whether an angle or a concave sweep to tail is desired. Most of the breeders that we have talked with favor a slight downward slope of back which should join the tail in a slight concave sweep. Some difference of opinion has existed as to whether the Campine males should be kept strictly hen feathered and without sickles and tail coverts, but the Campine breeders have decided this question, and very wisely, to call for an abundance of lesser sickles and tail coverts and long main sickles.

The greatest difference of opinion at present is over color. Some breeders prefer the dark color type with very fine narrow spider white barring or penciling, while others favor wider white bars. This latter color type appears to be the more beautiful. The first prize cockerel and the first prize pen cockerel at Chicago Coliseum show owned by F. E. Hering of South Bend, Ind., and the remarkable colored cock bird owned by C. F. Rankin, Prop. of Schenley Heights Poultry Farm, Pittsburgh, Pa., that made an extraordinary record by winning first at Madison Square Garden, the Palace Show, as well as the club show held at Philadelphia, are examples of the latter type. The barring of these birds was splendidly attractive, the black bar being as the Club Standard

called for, about four times as wide as the white and of lustrous greenish black. It is only in birds of this color type that we have seen the lustrous greenish black bars. We have never



BastHoudans have proven during the past season that they possess blue ribbon quality, and their record at Boston, Madison Square Garden, Philadelphia, Hagerstown and Allentown should prove of interest to all interested in this variety. For further information write W. F. Bast, Phillipsburg, N. J.

found it on the birds with the white spider type of barring.

Personally we prefer cleaner necks than shown in some of the winning females during the past season. While the Campine Standard allots six points for color of breast and five points for color of neck, we believe this should be reversed. White necks in Silvers and Golden bay in Goldens are distinguishing features of the breed. Much stress has been placed on breast



WINTER EGG MACHINES

## Ferris White Leghorns

Trapnested for heavy egg production. Size, health, vigor, profit bred in the bone. Hundreds of cocks, hens, cockerels and pullets at low prices. Your money back if birds are not satisfactory. We also ship C. O. D. Write for prices and full particulars.

### 35 FIRST PRIZES

We have won 35 first prizes this winter at Iowa, Maryland, W. Michigan, W. Va., Kansas, Colorado, Alabama, Georgia, and Mississippi State Fairs and at St. Louis, Terre Haute and Washington, D. C. Greatest show record ever made by any breeder.

### EGGS AND CHICKS

Our incubator capacity is 25,000 eggs and we can furnish 5,000 chicks a week. Prompt shipment, low prices and safe arrival guaranteed for 1,000 miles. Strong vigorous chicks easy to raise. Eggs at low prices shipped safely anywhere. Fertility guaranteed. All from heavy laying stock. Prompt shipment whether you want a setting or a thousand.

### 1914 FREE CATALOG

Gives testimonials, prices and complete description of stock. Tells just why you need Ferris Leghorns. Don't buy until you get a copy. Mail a postal today and let us quote prices.

George B. Ferris, [Grand Rapids, Mich.

Ferris Leghorn Farm, 908 Union Ave.

**CAMPINES**

**EGGS! EGGS! EGGS!**

*From Most Popular Breed in America!*

Again we head the procession with our superior matings.  
Our birds swept the deck wherever shown in good hot classes.

AGAIN OUR YARDS ARE

## THE PACEMAKERS OF AMERICA

Our matings this year have never been more carefully selected. To popularize the breed, will offer our Champion Matings at \$1.00 per egg. High-class matings, 50c per egg. Good matings, \$4.00 per fifteen. First come first served.

If it's Campines you want, we have them. There is nothing better anywhere. Send in your name on a postal for mating list. It is now ready and gives a description of the best Campines in America.

**MANHATTAN FARMS,** GEO. E. NOETH, Owner  
BRIGHTON, N. Y.



markings and the "devil a care" attitude has been taken in regard to the neck color. Some of the females that have won this past season have had striping that extends nearly the full length of the web in one-half to three-quarters of the feathers of the neck.

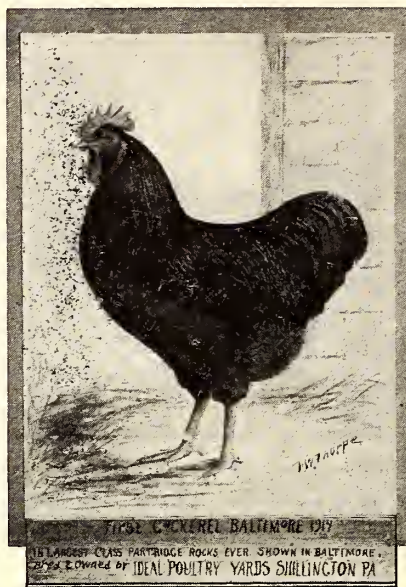
Mr. Schilling, who has studied Campine type and markings while in England and in Belgium and who successfully placed the awards on the largest class of Silver Campines shown in America at the Chicago show this past season, will prepare an illustrated article on Campine type and color markings to appear in an early issue of A. P. W.

—O—

The victory of those well meaning folks who at the Atlantic City convention succeeded in eliminating symmetry from the scale of points in the Standard of Perfection will be short lived if the consensus of opinion gathered during the past season's poultry shows amounts to anything. Undoubtedly there are many who do not understand how to apply this much abused term. Considerable opposition to the use of it has developed because of the fact that in some score card shows, judges have applied the term in a mechanical way, but why find fault with the term that means so much when it is the individual who applies it that is to blame? We have heard of instances where the cuts for symmetry on all the birds in a class were made either before the judge saw the birds or in the office after his work of handling the birds was finished. It is work of this kind that has caused the term to fall into disrepute. Another force of opposition comes from comparison judges, who while they may not think it, unconsciously apply symmetry and give it as much consideration in selecting the winners of a class as any other one thing.

Correctly speaking symmetry is the perfection of proportion or the harmony of parts. It was substituted for "typical carriage" that was used in the early Standards. We believe that the term typical carriage would be better understood by the many than symmetry appears to be, and furthermore we believe that it is a better term. Symmetry as applied to poultry

means style, carriage and general make-up. A bird may be better in style or carriage one day than he is



At the recent Baltimore Show the Partridge Rocks were one of the largest classes, a total of 121 birds being shown. The cockerel portrayed above was exhibited by the Ideal Poultry Yards, Shillington, Pa., and was awarded first honors. We are advised that they have a few good cockerels for sale.

another, and of course he must be judged the way he appears at the time the awards are being made. A bird may be perfect in size and shape, but lacking in style or the way that he carries himself. Of course such a bird is not perfect.

The term "carriage or symmetry" is one of the most important sections in the scale of points for the different breeds and varieties recognized by the English Poultry Club Standard. In doing away with symmetry and not making any provision for a substitute there is no adequate way to give credit for a section that is as im-

**Sea Shells For Poultry** Wild fowls dive for them in water, domestic fowls dive for them on land. Buy and try. I offer the best grade of shells as follows:—4 bushel \$1.00, in ½ ton or ton lots 50c per bag of 100 lbs. on car here. **R. C. Leete, Leete's Island, Conn.**

**Engagements Booked Now For** Fall Fairs and Winter Poultry Shows **all classes.** Legalized Expert Poultry Judge.  
**LLOYD M. HALLENBECK, GREENDALE, N. Y.**  
Originator of Buff Brahmas.

## OUR S. C. WHITE ORPINGTONS

won at the big Syracuse 1913 Show—1st and 2nd Pens, 1st Pullet, 2nd Hen, 2nd Cockerel. Eggs from our prize winning stock \$3 and \$5 per setting. I also have 25 pullets for sale at \$3 and \$5 each.  
**Phillips & Groner, Box 381, E. Syracuse, N. Y.**

## R. C. & S. C. R. I. REDS --- White Birch Quality

Breeding pullets and cockerels, also hens and a limited number of cocks, trios or pens.  
**WHITE BIRCH POULTRY FARM, BRIDGEWATER, MASS.**

**Terwilliger's R. C. Black Minorcas** after 18 years of careful breeding for egg producers, have again in 1912 as in 1911—proven their claim of equal to the best by making 5 shows winning 21 firsts, out of a possible 23, and every 2nd and 3rd covered including Palace Show where they won every place covered by them. Cocks and Cockerels for sale and hatching eggs in season. Mating List on request.  
**G. W. TERWILLIGER, MILLWOOD, N. Y.**

**THARP'S BUFF ROCKS** A clean sweep at Easton (Pa.) Show, November 1913. Five firsts on five entries. Some choice cockerels and pullets for sale. Same blood as winners. Eggs from best matings \$3.00 per setting.  
**R. S. THARP, 118 Rose Street, PHILLIPSBURG, N. J.**

## LISK'S WHITE WYANDOTTES

**BRED TO LAY AND WIN WHY NOT START RIGHT**  
To do so you must start with the best, there is none better than Lisk's White Wyandottes. They are not only one of the greatest winning strains, but are unsurpassed as layers. They can't help it—they are bred that way. One customer reports an 80 per cent egg yield in December. Pens mated with birds that are the picture of health and vigor. Eggs will hatch and chicks will live and grow. In my 12 years of breeding White Wyandottes I have never had better matings. Eggs from my best pens \$5.00 per 15, \$12.00 per 45, \$24.00 per 100.  
**FRED C. LISK, Box L, ROMULUS, N. Y.**

# EVERGOLD BUFF WYANDOTTES



are now the holders of the **NATIONAL CHAMPIONSHIP CUP** won at Rochester N. Y. 1913—also **OHIO STATE CHAMPIONSHIP CUP** won at Cleveland, Ohio, 1913. Evergolds capped these two great wins with a winning of 3 firsts, 3 specials and 3 minor prizes at

## MADISON SQUARE GARDEN, NEW YORK, 1913

Evergolds have been consistent winners of the World's best prizes for many years and better still are bred to a high degree of **Winter Egg Production** second to none. We are offering a great line of breeding males as well as eggs for hatching. Price list and Mating list Free. Our Elegant Catalog (illustrated) giving our methods of "Breeding and Feeding Buff Dottes" 20c.

**Rocky Run Farms,**

**W. G. MARSHALL, Owner,**

**Box 40,**

**GERALD WILLIAMS, Mgr. Poul. Dept.**

**Northfield, Ohio**



portant as any shape or color section described in the Standard.

—o—

The re-appointment of W. H. Manning as Superintendent of the Poultry Department of the New York State Fair, is evidence of good judgment on

the part of New York State Fair Commissioners. Mr. Manning's success in handling last year's splendid poultry display, which was one of the very best fall fairs ever held in America, speaks well of his ability. Together with Commissioner Geo. Driscoll, he looked after the wants of the poultry-

men and their interests were handled in down to the minute fashion.

Mr. Manning played no little part in the effort that resulted in the New York State Fair having what is probably the finest building in the world erected for poultry exhibitions. If permitted to follow out his plans, the

# ROSE'S ORPINGTONS

## BUFFS and BLACKS

*The Most Wonderful Record of the Year—Backed by Stamina and Blood Lines That Will PRODUCE.*



1st Prize Pen at Madison Square Garden. The finest Buff Orpington Pen ever shown.

### "LIKE BEGETS LIKE"

My Buffs have the correct color, the color that you must have to win. If your birds lack type, color, bone, introduce my stock. Neither in England, the home of the Orpington, nor in America, can you obtain such quality and value in Buffs or Black Orpingtons as I offer you. Rose's Orpingtons, Buffs and Blacks are bred to win in the strongest competition.

During the past three years my Black Orpingtons have won the Championship at Madison Square Garden, Boston, Baltimore, Pittsburgh, Toronto, Hagerstown, Allentown and New York State Fair. This is the most remarkable record established by any breeder of any variety. In this series of triumphs ten different judges have placed the seal of approval by awarding them highest honors.

During 1913 Rose's Black Orpingtons won 27 firsts of a possible 33 firsts at six shows of National Reputation viz:—Boston, Allentown, Hagerstown, New York State Fair, Toronto and Chicago. Five times out of six at these shows, they won the Championship for Best Display.

### 1913-14 BLACK ORPINGTON CLUB SHOW PITTSBURGH, JAN. 1914

They won as follows—1-2-4-7-8 Cocks; 1-3-4-8 Cockerels; 1-2-4-6 Hens; 1-3-4-5-8 Pullets; 2 Old Pen; 1st Young Pen.

### BRED IN THE RIGOROUS CANADIAN CLIMATE

They are hardy, rapid growers and splendid winter layers, characteristics you need to make your Orpingtons suit you to a "T". I can furnish a number of high class breeding males, also pairs, trios and breeding pens that will be carefully mated to produce the best results at "live and let live" prices. Send your wants and let me furnish description and quote prices.

Send for handsome new Catalog and Mating List containing illustrations of my prize winners, including full page color plate of my first prize cockerel at Madison Square Garden, in natural colors. It is free for the asking.

During the 1913-14 show season, at America's two leading shows, *Madison Square Garden* and *Chicago Coliseum*—in the best classes of the breed and in competition with nearly every prominent breeder, my *Buff Orpingtons* won more first prizes than all my competitors combined. Consider the following winnings and decide for yourself who has the best *Buff Orpingtons*.

### MADISON SQUARE GARDEN

Dec. 26-31, 1913

1st Pen, 5 Cock, 3 Hen, 1-5 Cockerel, 1-4 Pullet.

### CHICAGO COLISEUM,

Dec. 12-17, 1913

1-2-5 Cock, 3 Hen, 1-5 Cockerel, 1-2 Pullet, 3 Pen. This remarkable record including 6 of 11 first prizes awarded, establishes beyond all doubt the superiority of *Rose's Orpingtons*.

**A BLACK ORPINGTON RECORD THAT STANDS FOR SOMETHING...THAT MEANS SOMETHING TO YOU.**

### MY EGGS ARE THE BEST MONEY CAN BUY

I wish every reader of this Journal could visit my farm and inspect my matings for 1914. Prominent breeders and judges who have seen them declare them unequalled. Every pen is headed by a prize winner or a near relation. If you desire eggs that will produce winners at next seasons shows you cannot afford to overlook this opportunity. Better values do not exist anywhere.

**HUGH A. ROSE,  
FONTHILL, ONTARIO, CANADA**



New York State Fair Poultry Show can become one of the foremost and most important exhibitions of the year. The fair will be held in September on the permanent exhibition grounds located at Syracuse, N. Y. It will continue for six days.

Thousands of poultrymen, friends and customers of Owen Farms, will learn with sorrow of the serious condition of Wm. Barry Owen, founder and former proprietor of Owen Farms. Maurice F. Delano, who has charge of Mr. Owen's poultry interests and who purchased Owen Farms' stock and good will from Mr. Owen last spring, sends the following sad news written under date of February 12th:

"Mr. Owen lies in a dazed condition most of the time. The septic poisoning in his system only partly absorbs, and his head is not perfectly clear at any time. Our only consolation is, he does not suffer much pain. There is absolutely no hope, and it is a question of time. Please tell Mr. Curtis I will write him immediately when the change takes place, and will wire if I think there be time for the next issue. Personally, I expect him to linger for some weeks yet, as his general condition was so good when this cancer matter came out of a clear sky last September."

At the present writing, February 23rd, no further word regarding Mr. Owen's condition has been received from Mr. Delano. Mr. Owen's connection with the poultry business has had an up-lifting influence. A successful business man of forceful character, he introduced ideas and methods that have aided in its development. About two years ago Mr. Owen's health began to fail, and last spring as a result of continued poor health he disposed of his poultry interests in order to relieve himself of the cares and responsibilities of a very large business.

The following announcement from T. E. Quisenberry, Secretary of the Missouri Poultry Association, will prove of interest to A. P. W. readers:

"Mountain Grove, Mo.,  
February 6, 1914.

"American Poultry World,  
"Buffalo, N. Y.

"Gentlemen:—The next Missouri State Poultry Show has been located in St. Louis, on the dates of November 24-29, 1914. We expect to make this the best show we have ever held in the state, and one which will be a fitting celebration to our 25th Anniversary. We expect to go to St. Louis with a five thousand paid membership to the State Poultry Association.

"Yours very truly,  
"T. E. Quisenberry."

Anything that "Tom" Quisenberry does, he does well. Under his direction poultry educational work in Missouri is making rapid advancement. Work under his direction at the Poultry Experiment Station at Mountain Grove, Mo., is having wide spread influence. An example of this is shown in the illustrations of the field meetings held throughout the state last summer that appeared in A. P. W. for

November. Three thousand people attended one of these meetings at Greenville, Mo., a town of only 900 inhabitants.

Mr. Quisenberry is also doing important work in conducting the National Egg Laying Contest now in its third year. In this contest are entered birds from a number of foreign countries as well as from every section of the Union.

The largest and in many respects the most representative poultry show ever held in America was held at St. Louis during the World's Fair Exposition in 1904. As a terminal city with railroads leading in every direction and being in the center of the greatest poultry producing states in the union, there is every reason why St. Louis should hold a great winter poultry exhibition. With the co-operation of

the local association and the State Poultry Association, a great show should result.

—o—

The following announcement received from Harlo J. Fiske, one of America's most successful breeders of S. C. White Leghorns, will interest many readers of A. P. W. Under date of February 5th, Mr. Fiske writes as follows:

"I have moved my Leghorns to a place of my own in West Springfield, Mass. Here I have purchased a farm of over 160 acres located on the Springfield-Westfield trolley line, ten minutes ride from the center of Springfield and thirty minutes from Westfield.

"I have built breeding houses for about 700 breeders and have in addition brooder capacity for

**FISHER'S S. C. W. LEGHORNS** Winners at N. Y. State Fair, Central Palace, Buffalo and Utica shows. Now hooking orders for baby chicks and hatching eggs from the grandest laying strains of one and two year old breeders in the United States today. Eggs that will hatch chicks that will live and make money for you. The Best in White and Fawn and White Indian Runner Ducks, Cook's and Fiske's strain, pure White Eggs. Order early. Will write you when to send money. Booklet free.  
A. FISHER, R. F. D. 2, W. CANASTOTA, N. Y.



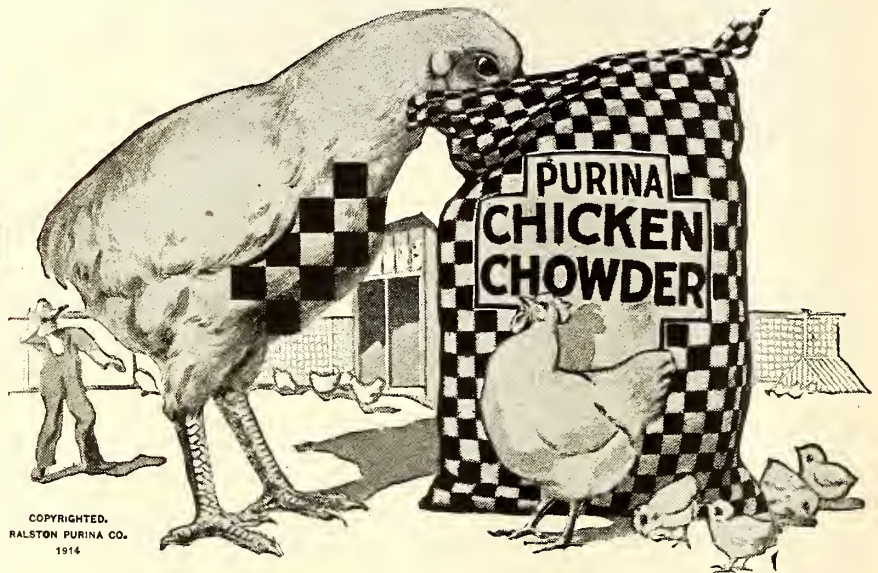
**ORPINGTONS White, Black, Buff  
WHITE WYANDOTTES**

**INDIAN DUCKS, White, Fawn and White,  
RUNNER English Penciled**

Baby Chicks and Ducklings. 153 Prizes in 4 shows. A. P. A. Gold Medal. Stock and Eggs for sale. Fancy poultry for breeders a specialty. Write for special price list No. 56.

**WOMAN'S COLLEGE,**

**MERIDIAN, MISS.**



COPYRIGHTED.  
RALSTON PURINA CO.  
1914

## Chicken Chowder makes Chesty Chix.

It makes them grow twice as fast. This means large profits, heavy egg production and vigorous chicks that withstand disease. You can't afford to be without this *growing feed* now, any more than you could afford to be without it last winter when you proved that "if Chicken Chowder won't make your hens lay they must be roosters." Feed Chicken Chowder in addition to Purina Chick Feed and double your profits. For sale by leading dealers. Order from your dealer today.



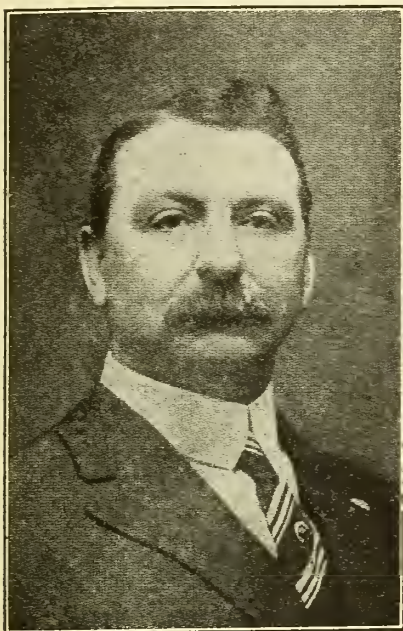
## Checkerboard Poultry Book FREE!

For your dealer's name we will send you this 48-page Poultry Book, containing plans of houses, breeding and feeding charts, space for daily egg records, cures of diseases, care of baby chicks, etc. It also contains information about Col. Purina's half price galvanized Iron Chick Drinking Fountain (2 for 25c) and more details about his Automatic Chicken Chowder Feeder (50c). Write today.

Col. Purina, Purina Mills, 817 Gratiot Street, St. Louis, Mo.



four thousand chicks, and incubator capacity for seven thousand eggs. All of my breeding stock will have access to all parts of the farm, thus insuring perfect and healthful conditions. For this season's egg trade I have



FRANK G. BEAN, Collegeville, Pa.

Specialty breeder and owner of one of the finest flocks of Columbian Plymouth Rocks in America. Mr. Bean's record at leading shows establishes his claim to the best in the world.

mated 36 pens of the best lot of Leghorns ever gotten together for breeding purposes. I shall sell some baby chicks, and eggs from all of the pens. Every male bird that heads a pen is a show bird.

For years I have been at considerable pains to produce a great laying as well as an exhibition strain and intend to make a specialty of furnishing birds of prolific laying.

"I shall be pleased to hear from any person who is in the market for stock or eggs, either exhibition birds or laying stock. Every letter will have careful attention and I guarantee to make every transaction satisfactory or no sale."

Mr. Fiske's birds under the name of Skylands Farms, Sterlington, N. Y., have made a great record in the show

room. His birds have won for himself or his customers blue ribbons at Madison Square Garden, Boston, Buffalo, Chicago and many other shows throughout the country. For a number of years, Mr. Fiske, who is a landscape gardener, has been superintendent of the magnificent "Skylands Estate" belonging to Francis Lynde Stetson, a well known lawyer in New York City. Mr. Fiske has had charge of laying out and developing this beautiful estate and during the past five or six years has expended several millions of dollars in carrying out the plans and improving it.

In addition to being a successful breeder and exhibitor Mr. Fiske is a successful judge. He has the right temperament for the work. This past season he placed the awards on several of the varieties of Leghorns at the Greater Buffalo Show and made a splendid job of it. He has issued an interesting catalogue and mating list that he will send to interested persons.

#### LEE'S REMEDIES

Attention is directed to the advertising of the Geo. H. Lee Company, Omaha, Neb., elsewhere in this issue. As is well known to many of our readers, this company manufactures a line of incubators and brooders that are known as the "Mandy Lee", and they are in successful use in all sections of the country. This company also prepares a full line of poultry remedies, among which are Germozone and Lee's Lice Killer, two remedies for which there is almost an everyday need on all poultry farms. Germozone is prepared for the cure and prevention of roup, canker, swelled head, chicken pox, bowel complaint, etc., and is pronounced as a very effective remedy by scores of users throughout the United States. Lee's Lice Killer is a preparation made for the eradication of all insect life on your poultry and in poultry houses and is never applied directly to the fowl, but is sprayed under the perches while the fowls are at roost and is also used in the same manner in the interior of brooders, brooder coops, etc. Both of the above preparations are described in their poultry book that will be sent by return mail to all who mention this publication and address Geo. H. Lee Co., Omaha, Neb.

#### OAK GROVE POULTRY FARM

## S. C. WHITE LEGHORNS

Stock and Eggs for sale, also have some very fine birds for sale. Write us for mating list, also our winners.

OAK GROVE POULTRY FARM, Surfus & Stage, Props.,

KIMMELL, IND.

## HALBACH'S WHITE PLYMOUTH ROCKS



Never in the history of Poultry Exhibitions has any strain made such wonderful wins. They hold the record by winning Best Display at Chicago five times. At the

#### Great Mid-West Coliseum Show, Chicago

#### AMERICA'S GREATEST EXHIBITION

in a class of 140 White Rocks—the best ever got together they made the marvelous winning of

1-2-3-4 Cock (four entered)  
1-2-3-4 Cockerel (four entered)  
1-2-3 Old Pen (three entered)

1-2-3-4 Hen (four entered)  
1-2-4 Pullet (four entered)  
1-2-3 Young Pen (three entered)

This is the most astonishing win but not as astonishing as the undreamed of quality of the birds that made the winning. It was a revelation in perfection of type, pureness of plumage and was the wonderment of all who know what quality is.

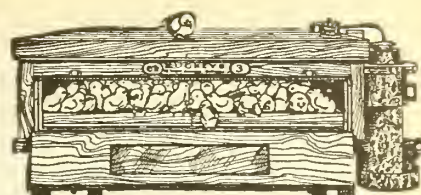
Any stock you desire to get for sale. Hundreds to select from. Write me plainly just what you want or how much you desire to invest and I will give you description.

Book your order for eggs from my best of all matings at \$15.00 per setting. None as good. Range flock eggs at \$10.00 per 100. Order early. Catalogue 10 cents. Mating list free.

H. W. HALBACH,

Box 3,

WATERFORD, WISC.



## Anybody Can Hatch Chickens "With a" BUCKEYE

That statement means exactly what it says. It makes no difference what kind of incubator you have used before, nor whether you have ever used any at all. When you buy a "BUCKEYE," you get absolutely the best there is in incubators. It will give you successful hatches every time. We are so sure about it that every machine we sell, no matter what the size or price, is absolutely

## GUARANTEED

By your dealer and by us

## To Hatch Every Hatchable Egg

Neither your dealer nor we would make such a sweeping guarantee if we did not know that the "BUCKEYE" will do all we claim. Made in five sizes—60-egg to 350-egg capacity. Over 325,000 in successful operation.

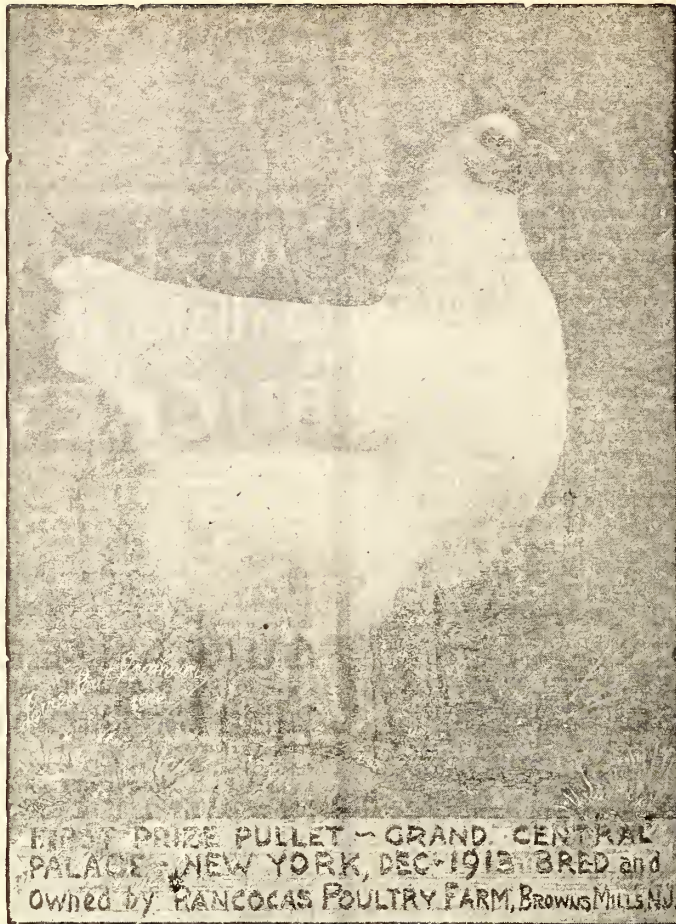
We want you to see the "BUCKEYE" before you buy. Let us send you the name of our nearest dealer where you can see the machine in operation. We will also send you our catalog, which tells why more than 1,000 dealers prefer to sell the "BUCKEYE." We are glad to answer any questions—we want to hear from you. Write us today.

THE BUCKEYE INCUBATOR CO.,

627 Euclid Ave., SPRINGFIELD, OHIO.

Made in 5 sizes and Sold  
As Low As \$10.00



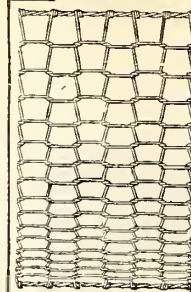


To win every first prize in the White Plymouth Rock classes at a show like the Grand Central Palace is an achievement seldom attained, and the Rancocas Poultry Farm, Brown's Mills, N. J., are entitled to great credit for their record of every first prize in these classes at the recent Palace Show. The first prize pullet shown above, was a beautiful specimen and with her mates will be in the breeding pens at "Rancocas" this season.

Test your eggs from the different pens occasionally that you may have the assurance that the fertility is all right.

Care should be exercised in regard to shipping eggs for hatching or baby chicks at this time. A little chill will cause much disappointment.

## POULTRY FENCE



**22 1/2 cts. a rod**

48 inches high. Has 4 1/2 inch mesh and graduated spacing of line wires from 1 1/4 at bottom to 3 3/4 inches at top. Fewer posts and no base board or top rail required.

**STRETCHES UP LIKE A FARM FENCE.**

**27 3/4 cts.** for a 48-inch

Combined Poultry and Stock Fence made of heavier wire and having 6-inch mesh. From Factory Direct to Consumer.

100 styles and heights of Poultry, Farm and Lawn Fence. Catalog FREE. Box 72 KITSELMAN BROS. Muncie, Ind.

## CANDEE INCUBATORS

### AUTOMATIC-RELIABLE

Built in sections.

1,200 to 20,400 capacity.

Coal burning, hot water.

Used from coast to coast

For Custom Hatching and Baby Chicks.

Holds even heat.

Hatches stronger chicks.

Write for Free Catalogue

Candee Incubator & Brooder Co.

Dept. 3 EASTWOOD, N. Y.

# "Pittsburgh Perfect"

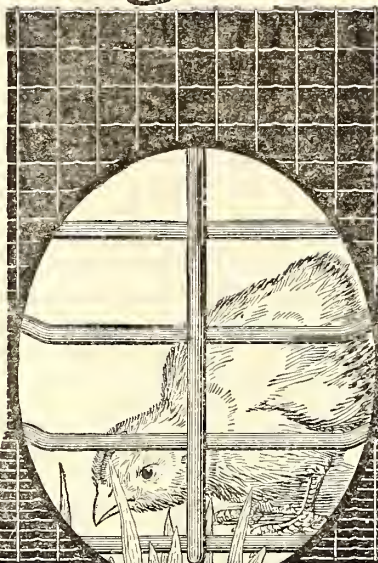
## The Most Effective and Economical Chicken Fence

Save money by putting up "PITTSBURGH PERFECT" Chicken and Rabbit Fence. Not a "netting," but a fence of finest mesh, strongest fabric, best looks, longest life. These features mean *fence-economy and satisfaction* in the biggest sense.

Don't lose any more money through birds lost, or stolen by prowling animals. Put up this fence *now* and give your flock *real protection*.

"PITTSBURGH PERFECT" Chicken Fences are easily erected. Stand trim and rigid for years. No top or bottom boards necessary.

**SOLD BY DEALERS EVERYWHERE**



## The only one-piece fence made. Joints Welded by Electricity

All styles of "PITTSBURGH PERFECT" Fences are made of the same high quality Open Hearth wire, thoroughly galvanized with pure zinc. Stay and line wires are inseparably joined at every contact point by Electric Welding, an exclusive method of manufacture which gives these fences their great strength.

New catalogue, sent free, shows all designs made for FIELD, FARM, RANCH, LAWN, POULTRY and GARDEN purposes.

Write for it to-day, together with circular describing the new "PITTSBURGH PERFECT" Fancy Top Lawn Fence.

**EVERY ROD GUARANTEED**



**PITTSBURGH STEEL CO., PITTSBURGH, PA.**





## FIVE THOUSAND DOLLARS FROM EIGHTEEN HUN- DRED HENS

By O. W. Mapes, Middletown, N. Y.

(Continued from page 349)

am waiting and doubting. For the life of me I do not see why a hen should be able to transmit her peculiarities through her sons and not her daughters. I am afraid there is yet a good deal for us to both learn and unlearn about feeding and breeding poultry.

I note that at the egg laying contest at Storrs, Conn., Geo. A. Cosgrove has a pen that is to the point. They were doubtless well bred, since Mr. Cosgrove is one of our most intelligent and successful poultrymen, owning some of the famous Barron strain of Leghorns, and in the pink of condition, since they laid 19 eggs during the first week. Why were not the experts at the contest able to keep them at it, instead of failing to get another egg from them in over two months?

While most experimenters have been straining every nerve to make one hen lay twice as many eggs, I have been trying to make it possible for a given amount of time and labor to take care of twice as many hens as we already have.

With a flock absolutely free from disease germs, and in the hands of a man able to make them lay heavily during the season of highest prices, where would cows come out in such a contest?

Why be a slave to cows' teats and a manure shovel, when the business hen offers emancipation with double pay?

### MAGENTA POULTRY FARM

We have just received from F. E. Woodard, proprietor of Magenta Poultry Farm, East Longmeadow, Mass., copy of their 1914 mating list.

This farm was established in 1898, and since that time has been devoted exclusively to the development of Single and Rose Comb Rhode Island Reds. That Mr. Woodard has been successful in building up a quality strain is proven by the fact that he has produced Madison Square Garden winners.

For the season of 1914 he has mated nine pens consisting of five pens of Single Comb Reds and four pens of Rose Comb Reds. Prices for eggs range from \$3.00 to \$5.00 per 15, depending upon the mating. Utility eggs from stock bred for egg production only are \$4.00 for 50 or \$8.00 for 100. Breeding males and females are also offered at prices ranging from \$3.00 to \$10.00 each, or breeding pens will be mated up at proportionate prices. The following egg guarantee is found in Mr. Woodard's mating list: "All eggs sold for hatching will be plainly marked 'Magenta Poultry Farm', to guard against substitution in transit. In case of poor hatch, I will duplicate order at one-half price if you wish,

that is less than a 50 per cent. hatch; or if you wish, I will replace all clear eggs free and I will put in extra eggs enough to reimburse you for extra express charges, you to return clear eggs, express charges prepaid, eggs to be tested the eighth day." This is a fair proposition and those interested in better flocks would do well to write Mr. Woodard.

### CLEAN OUT THE RATS

Poultrymen suffer great losses from the depredation of rats. They not only destroy large quantities of feed but oftentimes carry their destruction to the poultry house where it is not uncommon for them to destroy several broods of chicks in a single night. The ordinary methods of poisoning these rodents are too dangerous to be undertaken about the premises where live poultry are kept. There is, however, a safe and sure method and this lies in the use of the Pasteur Rat Virus manufactured by the Pasteur Laboratories of America, Dept. G, New York City or Chicago. This rat virus can be used with impunity anywhere, because it is harmless to human beings, domestic animals and all species of game, but produces a mortal and contagious disease in rats and mice; it is moderately priced, one large size bottle should completely exterminate all rodents from the infested poultry plant.

That it does do the work in a satisfactory manner is proven by the following testimonial from Victor D. Canedy, Taylor's Falls, Minn.:

"Your rat virus with the two applications has exterminated the rats more thoroughly for me on my poultry plant than anything I ever tried."

The price of rat virus ranges from 75c to \$1.50, depending upon quantity or size of bottle ordered. For further information address as above and ask for descriptive circular.

### POULTRY BOOK FREE


A 48 page poultry book containing plans of houses, breeding and feeding charts, space for egg record, cure of diseases and care of baby chicks, etc., will be sent free to all readers who mention this publication and address Col. Purina, Purina Mills, 807 Gratiot St., St. Louis, Mo. This book also contains much valuable information on poultry foods and feeding, also how it is possible to secure at half-price a galvanized iron drinking fountain.

**DUTTON'S R. and S. C. RHODE ISLAND REDS**  
made another great win at the Grand Central Palace and Buffalo shows. Eleven Blue Ribbons and many specials. I sell Birds, but No Eggs  
E. M. DUTTON, NEWFANE, N. Y.

### RHODE ISLAND, RED JOURNAL

Devoted to Rhode Island Reds Exclusively. Send 25c now for full year's subscription. Sample Copy Free.  
RED JOURNAL, 4023 Harmon St., WAVERLY, IOWA

SAY! WHY DON'T YOU



grind your own oats, corn, peas, dry bone, oyster shells, nut shells, dry stale bread, etc., for poultry feed on a GREAT PIG HAND GRINDER THAT NOW COSTS ONLY \$4.00

You need a grinder if you raise poultry. Thousands are used all over the world. Capacity 1 to 2 bu. per hr. Shipping weight 40 lbs.

A child can operate it.

We also build SAMSON windmills and power feed mills. Send for free catalogs, stating what interests you.

Stover Mfg. Co., 321 Plymouth St., Freeport, Ill.

## — ACME WHITE WYANDOTTES —

Are bred for merit. Sold on honor. They win; they lay. Trap nes. used 365 days in the year. A trial convinces.

J. HARRY WOLSIEFFER.

R. F. D. No. 5, VINELAND, N. J.

## WHITE RUNNER DUCKS

**PEERCE STRAIN.**—Strictly high-class WHITE RUNNERS with a prize record at Madison Square Garden, Philadelphia, Baltimore, Hagerstown and Allentown. They are also winning for customers in all sections of the country. Prolific layers of white eggs—"Twentieth Century Money Makers."

For Quality Stock or Hatching Eggs, write

WILLIAM E. PEERCE,

Box W,

GLEN ARM, MD.

## LLENROC REDS

(FORMERLY ALT'S REDS)

From coast to coast they have won the blue in 17 large shows this season. Some of their blood will help you win.

### FELLOW FANCIERS — STOP AND THINK

Four years in succession our cockerels have won highest honors at Buffalo and three years our breeding pen has won the blue in competition with the best Reds in U. S. and Canada.

### EVENTUALLY "LLENROC REDS" WHY NOT NOW?

Cockerels and breeders at moderate prices. Matings **BEST EVER.** Eggs \$15.00 per 15.  
Get our free 1914 Mating List.

HOUCK & ALT,

87 Fuller St.,

BUFFALO, N. Y.

## TRACEY'S ROSE COMB WHITE MINORCAS

win Best Display, all varieties and combs of Minorcas competing, in the best class of R. C. Whites yet shown. We won all firsts but one at Madison Square Garden, and purchased first prize cockerel. We received much praise for the beauty of our Garden exhibit, and prominent judges, including Mr. Denny, Mr. Northrup, Mr. Cosh and Sec. Campbell, were among these. We will have very fine matings from which we will sell eggs at \$5 straight. From No. 1 special pen \$10 per setting. No utility matings. R. I. Red eggs, \$5 and \$10 per setting.

GEORGE W. TRACEY,

Box W,

KINDERHOOK, N. Y.



## STANDARD BRED FOWLS ANSWERS TO QUERIES

### UNCERTAIN HOW TO MATE

**Q.** As a subscriber to AMERICAN POULTRY WORLD I would like to ask a few questions. In 1912 I purchased a fine cockerel and bred him to my pullets and he gave me some fine birds. In 1913, I bred the same bird to his daughters and have some fine pullets. Would it be good policy to breed him back to his daughters this year as this would be the second time I would have bred him, or would it be best to buy a good cockerel to breed to 1913 pullets or to 1912 hens? Will appreciate any information you can give me. J. D. C., Delaware.

**A.** The results you have received from past matings should direct your future course. That is, if the progeny of this male have shown improvement in both standard qualities and vigor I would not hesitate to use him again this season. On the other hand, if there were indications of deterioration in any particular it would be better not to use the bird this spring. In the latter case there are two methods you can safely adopt, one is to purchase a male of the same blood lines for this season's breeding, and the other is to mate the male you have back to the 1912 hens, and if you have a good male from your 1912 mating, mate him with your 1913 pullets. It is fully as important that health and vigor as well as standard qualities be considered. If your birds lack in vitality you can not hope for success until you have restored it. Therefore never breed from any but the most vigorous birds.

### DIFFERENT VARIETIES OF BANTAMS

**Q.** Can you tell me the different varieties of Bantam fowl? M. F. D., Jr., New York.

**A.** The American Standard of Perfection recognize nine varieties of Game Bantams and seventeen varieties of Ornamental Bantams as follows:

**Game**—Black Breasted Red, Brown Red, Golden Duckwing, Silver Duckwing, Birchen, Red Pyle, White, Black, Black Breasted Red Malay.

**Ornamental**—Golden and Silver Seabright, R. C. White, R. C. Black, Booted White, Partridge, Black, White and Buff Cochins, Light and Dark Brahma, White, Black and Black Tailed Japanese and Bearded White, Buff Laced and Non-Bearded Polish.

There are as many or more non-standard varieties, among which are included Partridge Wyandottes, White Leghorn, Cornish, Barred Plymouth Rock, Old English Game, several varieties of Belgian Bantams of recent importation and minatures of various other breeds many of which may be said to be still in very crude shape.

### BOOK ON BARRED ROCKS

**Q.** I am a beginner in the poultry

business and have selected Barred Plymouth Rocks. Could you supply me with a book or magazine that will give such knowledge as a beginner will need to know?

**A.** You can procure just such information as you desire from the book "Plymouth Rocks All Varieties", copy of which will be sent from this office prepaid upon receipt of \$1.00.

### SUSSEX AND SCOTCH DUMPIES

**Q.** As a subscriber, I would like to ask a few questions. Kindly tell me

the origin of the Sussex fowl and if there is a brown variety or is the red and brown the same? Also the origin of the Scotch Dumpies and if they are good layers? D. N. T., Virginia.

**A.** The Sussex fowl are among the older breeds of English poultry, and originated in the Sussex district of England. This district has long been

### 5 PACKETS FLOWER SEED FREE TO YOU

One packet each of CARNATIONS, ASTERS, POPPY, PANSY, CHRYSANTHEMUM. These five packets of flower seeds will produce the choicest of these flowers.

There are enough to keep you supplied with flowers all the season. Your name on a postal brings them Free, Postpaid,—also our new Colored Catalog of fruits, flower, vegetable and field seeds all FREE. Send your postal NOW!

MILLS SEED COMPANY  
Box 300. Washington, Iowa

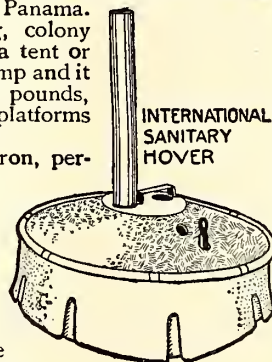
## The Open Door to Poultry Profits

The experience of years in developing the world's largest poultry farm has opened the door for you to greater poultry profits. Out of this experience has come the 60-Egg Hatchalot Incubator, the International Sanitary Hover, and the 6 in 1 Exerciser Feeder.

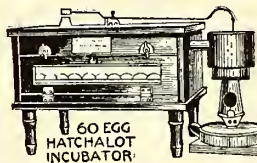
### Raising Chicks Right

The International Sanitary Hover has stood the test of every climate from Quebec to Panama. You can use it in any building, colony house, laying house, or even a tent or drygoods box. Just light the lamp and it is ready for service. Weighs 30 pounds, easily moved—no holes to cut or platforms to build.

Made of heavy galvanized iron, perfectly insulated, fireproof and vermin-proof. Circular, with most warmth at the curtain, preventing crowding at center and smothering of chicks, and giving them pure air always. Heat radiates from above, preventing leg weakness. Used by largest poultry farms and State Experiment Stations. Price \$8.50.



INTERNATIONAL  
SANITARY  
HOVER



60 EGG  
HATCHALOT  
INCUBATOR

### Hatching Chicks Right

The 60-Egg Hatchalot Incubator gives a mild heat over a wide area—not a dry heat distributed unevenly. It prevents the evaporation of moisture, which assures a healthy hatch from every fertile egg. Chicks are just as large as the shell will permit. Made of cypress, with dependable steel and zinc thermostat. It couldn't be made better at any price, but it is sold at \$7.50.

### Feeding Fowls Right

6 in 1 Exerciser Feeder keeps the poultry healthy and makes other feeding devices unnecessary. Large central hopper holds grain that the birds scatter in the litter, by working an agitator. Six other compartments hold dry mash, scrap, shell, etc. No food wasted. Makes feeding easy and economical. Price, 40-quart, \$4.75; 20-quart, \$3.75.

GET THE CATALOGUE.—Complete catalogue of tried and proved poultry helps, full of valuable information, sent free. Write for name of nearest dealer.

Progressive dealers everywhere can supply you.



6 IN 1  
EXERCISER  
FEEDER

Hover-Incubator Mfg. Co.

Box 611, Browns Mills, N. J.



noted for the quality of its table poultry and the old Sussex fowl has contributed to its fame. It was originally a five toed breed and in fact we are told that at one time it possessed a feathered shank. It is not only valued in England for its table qualities, but also as a prolific winter layer. The varieties recognized are the Red (or Brown), the Light and the Speckled.

The Scotch Dumpies as the name implies, are a native of Scotland, and one of their peculiarities is the extreme shortness of the leg. As to their laying qualities we are unable to advise you. We understand that good specimens of the variety are now seldom seen.

#### BLACK SPOT IN PLUMAGE

Q. What is the cause of a black spots or splotches in the plumage of Barred Plymouth Rocks supposed to be Standard bred, also black spots on the legs? R. A. D., Virginia.

A. There is a tendency for all varieties of poultry to show at times reversion in type or color to their original ancestry. In the case of Barred Plymouth Rocks we frequently find not only feathers that are partially black, that is only showing white bars for a greater or lesser portion of their length, but also those in which the white bars are entirely missing, giving a solid black feather. Instances of this kind may be due to one or the other of two causes: First the reversion to the color of the Black Java, which we are told was freely used in the early formation of the Barred Rocks. Second, to improper care during the development of the chick, which may not only effect the physical development of the individual, but also the distribution of the color pigment. If from any cause, improper care or otherwise, the bird is constitutionally affected, nature can not perform her functions properly and there is sure to be a failure at one or more points. The plumage seems to be very susceptible to such failures. No doubt the black spots on the scales of the shanks can be attributed to the same causes.

#### BLUE ANDALUSIANS

Q. As a subscriber I will appreciate any information you can give me regarding the Blue Andalusians. C. C. W.

A. The Andalusian derives its name from Andalusia, the province along the Mediterranean from which the first importations are said to have been made. There exists, however, some difference of opinion as to the origin of the breed, that is, some authorities claim it to be a distinct breed while others say it is a cross between the old Black and White Spanish. These were different from the Spanish of today, in as much as they lacked the white face. In other words they bore a close resemblance to the Minorca. It is without doubt safe to conclude that the Andalusians are not a distinct breed, but rather a cross of two or more varieties of the early importations of Spanish into England from the Andalusia district.

The Andalusians possess many good

points and deserve to be more extensively bred. Their beautiful color markings present a problem in breeding, difficult enough for the most ardent fancier. They are also prolific layers of white eggs, in fact it may be safely stated that they lay the largest egg of any of the white egg varieties. Both the pullets and cockerels mature rapidly and it is not uncommon to have pullets lay fully as early as the Leghorn. The pullet eggs are usually of a good marketable size, in fact they are much superior to the Leghorns in this respect.

#### FOGG'S BABY CHICKS

All readers intending to purchase day old chicks should refer to the advertising of N. V. Fogg, Box W, Mt. Sterling, Ky., elsewhere in this issue. Mr. Fogg is a well known breeder of White Leghorns and has selected an unusually fine lot of breeding birds for the coming season, and states that all his matings are composed of old birds. Purchasers can depend upon receiving strong, healthy chicks, the kind that live and he guarantees the safe arrival of all chicks and eggs for hatching, and is desirous of sending his mating list to all interested readers of this publication.

### VINCENT'S BUFF ROCKS

Have proven their quality the past season by winning at Allentown, Hagerstown Central Palace, N. Y., Philadelphia, Madison Square Garden, Scranton and other leading shows.

#### LOOK UP THEIR WINNINGS

A choice lot of cocks, hens, cockerels and pullets for sale. Satisfaction guaranteed. Write for mating list.

JAMES H. VINCENT,

HAZELTON, PA.



## SUNFLOWER

Every poultryman in America should grow sunflowers for two reasons, shade and feed. The Mammoth Russian, largest of all varieties, showy and most profitable to grow in the poultry yard or garden. We offer select seed, clean and good, of this wonderful Sunflower, one pound, 25c postpaid. With every 25 cent order we will include a copy of **GOOD POULTRY** a quarterly magazine, devoted to special crops and intensive farming, with special attention to the care and handling of poultry. Tells how to make \$200 per acre per year on any farm from 5 to 100 acres. Good Poultry alone, 10c a copy; 25c a year. Order now; write tonight for bargain seed list, C. of vegetable and field seeds.

SHOREWOOD FARMS CO., Saugatuck, Mich.



### S. C. White Leghorn Day Old Chicks

CAREFULLY hatched from pure strain, heavy-laying, vigorous stock. The kind of chicks that thrive and grow to healthy maturity. Every one inspected—carefully packed.

**Safe Arrival Guaranteed**

to any point in America. Hatched on Michigan's largest poultry farm with the best of equipment and management. Beginning March 1st we will ship 5000 chicks per week. Avoid disappointment by booking your orders now. Costs nothing until the chicks are to be shipped. Ask for new, beautiful and instructive Poultry Book—FREE.

**Michigan Poultry Farm**  
609 Willow Street      Lansing, Michigan

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There's nothing like H-O Steam-Cooked Chick-Feed to whet the appetite of your little chicks.

The scientific blend of health-giving grains is pleasant to their crops and the steam-cooking makes this the most easily digested chick-feed on the market. It's not wise to feed raw grain.

## H-O Steam-Cooked Chick Feed

is a scientific mixture of Corn, Cut-Oatmeal, Cracked Wheat, Kaffir Corn, Peas and Millet—steam-cooked by a special process in our mill.

Sold only in 10-lb., 25-lb., 50-lb. and 100-lb. bags, with tag showing guaranteed analysis. If you cannot get H-O Steam-Cooked Chick Feed, Intermediate Scratch, Scratch Feed, Poultry Feed, Dry Poultry Mash or Chick Feed, from your dealer, write for sample and prices.

The H-O Company  
Mills:  
BUFFALO, N. Y.

John J. Campbell  
General Sales Agent  
HARTFORD, CONN.



## THE BALTIMORE SHOW

THE SIXTH ANNUAL EXHIBITION, LIKE ITS PREDECESSORS, A SUCCESS IN EVERY WAY. GRAND DISPLAY OF WATER-FOWL A NOTABLE FEATURE

BY A. J. BRAUN

Quality always features the exhibitions of the Maryland Poultry and Pigeon Association and the sixth annual show held at Baltimore, January 6th to 10th, inclusive, was no exception. At the 5th Regiment Armory the largest and best building in America in which poultry shows are held, was undoubtedly witnessed the assembling of the finest display of poultry ever gotten together south of the Mason and Dixon line. Like previous exhibitions the hall was tastefully decorated, and President Riggs and the veteran secretary, Geo. O. Brown, were busy as "beavers" keeping things running smoothly and looking after the welfare of exhibitors and visitors. To their untiring efforts and earnest application to the work incidental to conducting a poultry show are the poultrymen of Maryland indebted for one of the finest poultry exhibitions held on the North American Continent.

A feature of the exhibition was the display of water-fowl which was said to be the largest ever assembled at a winter show in America. Baltimore has always drawn a large exhibit in the water fowl classes. The unusually large entry this year was undoubtedly due to the selection of the "Oriole City" for the annual meeting

and show of the Waterfowl Club of America. The meeting was well attended and Mrs. Edith Masten, Pleasant Valley, N. Y., was re-elected to the office of secretary, a position that she has filled with credit for some time. Boston was selected as the next meeting place.

The classes with but few exceptions were well filled and in many instances some phenomenal specimens were displayed. Barred Rocks, as usual, brought out a good entry with 71 singles and 11 pens. C. H. Boshen, Ashland, Va., captured 5 cockerel and 2 cockerel bred pullet. White Rocks were represented with 59 singles and 5 pens. This was surely a class of quality and all honors were closely contested, Rockland Farms, Benson, Md., winning 3-4 cock, 2-3 hen, 1-3-4 cockerel, 1-4 pullet and 2 pen. The first pullet was the star of the class being an easy winner. There were several good birds unplaced. Buffs were a good class with 8 cocks, 9 hens, 9 cockerels, 11 pullets and 2 pens. Columbians, the most beautiful of all the Plymouth Rocks, had a very small representation, only 13 singles and 1 pen being in line. The Part-ridge variety brought out in the regular class the largest display of the breed with 76 singles and 6 pens. Ideal Poultry Yards, Shillington, Pa., captured 1 cockerel and 3 cock. Wilburtha Poultry Yards, Trenton Junction, N. J., 4 pen.

Wyandottes were represented by all standard varieties, the Silvers and White fighting for the honor of the largest entry, the Silvers nosing out with 126 specimens represented by 91 singles and 7 pens, the Whites having 75 singles and 9 pens, or 120 birds in line. One seldom sees now-a-days such an exhibit of the once popular Silvers and a display like this one was worth going miles to see. Buff, Black, Part-ridge, Golden, Silver Penciled and Columbian small classes with some good quality in evidence.

Rhode Island Reds, both combs, were well represented and as usual attracted much attention. In the S. C. Class, Schenley Heights Poultry Yards, Pittsburgh, Pa., won 1 cock, 4 hen, 2 cockerel, 5 pullet and 1 pen. Geo. W. White, Hamilton, Md., was awarded 2-3 pen, 3-4 cock, 3-5 hen,



S. C. RHODE ISLAND RED HEN—WINNER OF FIRST PRIZE, COLISEUM, CHICAGO. B. H. SCRANTON, RISING SUN, IND.

The middle west has produced many prominent poultrymen, and birds of their breeding are holding their own in the best shows of the country. B. H. Scranton, Rising Sun, Ind., is among those who are winning their share of the laurels and the above illustration portrays his first prize hen at the Chicago Coliseum show. For complete winnings for the season send for a copy of his mating list.



**56 BREEDS** Chickens, Ducks, Geese and Turkeys. Hardy, northern raised, pure bred, of finest plumage. Fowls, eggs and incubators at lowest prices. America's greatest poultry farm. Send for large, fine 19th Annual Catalog and Poultry Book. R. F. NEUBERT CO., BOX 850, MANKATO, MINN.

### Try Crisp-As-Ice Lettuce

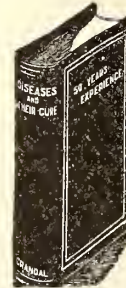


This is the most beautiful Lettuce known. Leaves are so tender and brittle as to suggest its name. It cannot be over-estimated or over-praised; for use early in spring or summer, or late in fall.

**OUR OFFER.** We will mail any reader of this paper 1 packet Crisp-As-Ice Lettuce in a COUPON ENVELOPE if a stamp is enclosed. When this COUPON ENVELOPE is returned you may select one packet of seed FREE — any kind offered in our

SEED BOOK. Our Big Seed and Plant Book for 1914, offering the best Seeds and Plants at Bargain Prices will be mailed FREE to all.

MILLS SEED HOUSE, Box 30, Rose Hill, N. Y.



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OVER 300 PAGES, handsomely bound and full of facts in medicine, symptoms and directions for treatment in each case.

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Mr. Poultryman: You want more eggs from your hens. We want to help you. That's the reason we are publishing "The Golden Egg" — to help you.

### This Book Free to You

This book is brimful of information of vital importance to poultrymen.

Feed your hens right—you'll average 200 eggs a year. "The Golden Egg" tells exactly what and how to feed them. Fresh cut bone, prepared in a Humphrey Bone Cutter, makes bone, muscle, feathers and eggs. Feed your hens *The Humphrey Way*. Thousands of farmers have tried it out. They've found it means big profits for them.

Just put your name on a post card and request us to send "The Golden Egg." Then you've taken the first step on the road to doubling your egg profits. Write to-day.



### THE HUMPHREY GREEN BONE and VEGETABLE CUTTER

will save half your feed bills and double egg yield. Guaranteed to cut more bone, in less time, with less labor, than any other. Send for Special Trial Offer and handsome catalogue.

HUMPHREY,  
Buff St. Factory, Joliet, Ill.



3-4 pullet, securing a place in every class except cockerel.

The Orpingtons were not out as strong as usual, nevertheless there were many excellent specimens shown. White, Silver Grey and Colored Dorkings and Red Caps completed the English classes, a total of 13 specimens in the four varieties.

The Asiatic varieties were all represented, although the entries were small in some instances. What were lacking in some classes were made up by the Light Brahmas and Black Langshans as a very representative exhibit was penned in each variety.

In the Mediterranean classes, the White Leghorn proved to be the largest class with the S. C. Black Minorcas next, Spanish, Houdans, Games, Polish and Hamburgs small classes. In Cornish, Dr. W. A. Low, Catonsville, Md., had the best of the argument, winning 2-3 cock, 2-4-5 cockerel, 4 pullet and 1-5 pens.

E. F. Dean, Williamsport, Pa., and Schenley Heights Farm, Pittsburgh, Pa., were the main winners in the Silver Campine classes. Mr. Dean securing 2 cock, 1 hen, 2 cockerel, 1 pullet, 1 pen, and Schenley Heights, 1 cock, 2 hen, 1-3 cockerel, 2-3 pullet and 2 pen. In Goldens, Mr. Dean captured 1 cock, 1 hen, 1 cockerel, 1 pullet, 1 pen, and Schenley Heights, 2-3 cockerel, 2 pullet, 2 pen.

As usual Bantams were out in force, all varieties being fairly well represented. The Cochins were the largest classes and they displayed much quality. Jno. M. Sessions, Baltimore, Md., was a good winner all through these classes. In Buffs, he won 2-6 cock, 1-5 hen. Partridge 3-4 cock, 2 cockerel, 3-4 pullet. Whites, 1-4 cock, 3-5 hen, 1-3-5 cockerel, 1-3-4 pullet, 2 pen. Black, 4 cock, 3-4-6 hen, 1-3 cockerel, 5 pullet, 3 pen.

Pen-Y-Bryn Farm, Ambler, Pa., made a fine winning in Pekin Ducks, winning 1-3-4 drake, 3-4-5 duck, 1-2-3 young drake, 1-2-4 young duck. John Slade, Malvern, Pa., captured 2 drake, 1-2 duck, 4 young drake, 3-5 young duck.

The waterfowl exhibit included almost every variety of Ducks and Geese and consisted of 477 individual specimens and 29 pens, bringing the total display up to 622 specimens. Over 600 pigeons completed the display.

Poultry supply dealers were out in force and many attractive displays were to be found on all sides. All reported a good business and all were very optimistic concerning future prospects, the majority stating that every indication pointed to a most prosperous season in all branches of the industry.

#### DIAMOND EGG CARRIER

What is believed to be one of the longest shipments of eggs for hatching was made by Ed. Davidson, a poultryman residing near Carey, Ohio. The order was from Moscow, Russia, and the eggs were packed in Diamond Egg Boxes manufactured by the Diamond Box Manufacturing Co., R. 362, 219 No. Second St., Minneapolis, Minn. About two months after making the shipment Mr. Davidson received word that the eggs had arrived safely and none were broken. The customer in acknowledging receipt of shipment wrote in part as follows: "I have much pleasure in notifying you that the eggs

arrived very safely here on the 6th of July, and I wish to thank you most heartily for the very prompt execution of the order and especially for the ingenious way of packing the eggs as on our Russian Railway eggs are generally handled very roughly and breakages are general things, but in your lot not a single egg was broken. I dare say I will get some chicks, though the eggs were on the way more than five weeks." The packing referred to above was one of the regular 15 egg size Diamond Egg Carriers. It is of comparatively recent introduction to the poultryman, but the above shipment with safe arrival of contents after the five weeks' journey should be conclusive evidence that the Diamond Egg Box is a safe carrier for the most expensive hatching eggs. For further information and prices refer to their advertising in another column.

#### POULTRY FENCE

Poultry raisers desiring to secure a reliable and lasting poultry fence at a moderate price should write to the Kitzelman Bros., Box 72, Muncie, Ind., for their free catalogue, describing various styles of poultry and farm fences, ranging in price from 22½¢ per rod upward. When writing be sure to mention this publication.

tended for hatching as neglect in this direction during these cold days may mean chilled eggs and a poor hatch.

\*\*\* A postal will bring a copy of our Clubbing Catalogue by return mail \*\*\*

#### JACOBS' STRAIN

### Golden Wyandottes

Won't St. Louis, November, 1913, 1st cockerel, 1st, 2nd, 3rd and 4th pullet. At Chicago, January, 1914, 2nd and 3rd pullet. Eggs \$2.00 per setting.

Chas. Jacobs, 2133 Salisbury St., St. Louis, Mo.

### Just 1 Gal. Oil

X-Ray is the only incubator that completes hatch on one gallon of oil. No cold sides—no overheated sides. Automatic Trip regulates flame.

Central heating plant underneath saves 75¢ to plant. X-Ray Incubator Co., Des Moines, Ia.

Send for Free Book No. 61. Illustrated in colors. We pay freight.

### Just One Filling

## WHITE FAVEROLLES

Stock for sale. Eggs \$5.00 per 15, (no discount)

Aug. D. Arnold,

Box D,

Dillsburg, Pa.

## WHITE WYANDOTTES

EXHIBITION and UTILITY

Stock and Eggs for sale. Silver Cup for Best Display, Rochester, N. Y., December 15-20-1913. Write for prices and mating list.

THOMAS C. GORDON,

BROCKPORT, N. Y.

#### MORE PROOF

## GRANOCK FARMS S. C. WHITE LEGHORNS

WIN at Philadelphia 1913, 9 Special prizes, including Silver Cup for Best Display and Special Championship Cup for Best Pullet in entire show, also 5 regular prizes. Send for our handsome illustrated catalog, giving complete list of our winnings. It is free. Stock and Hatching Eggs at reasonable prices. Write us your wants. Satisfaction guaranteed.

GRANOCK FARM,

Stewart Haddock,

POUGHKEEPSIE, N. Y.

## How to Save Your Little Chicks

Many chicks, young turkeys, pheasants, etc., die during the first 10 days after hatching. Their delicate digestive organs require a specially prepared and properly balanced food to prevent the fatal attacks of bowel trouble during this critical period. Feed your baby chicks the **Original**, specially prepared, **complete food**—

### "F. P. C. Chick Manna"

Watch them thrive and grow into husky, healthy youngsters with sound, vigorous constitutions to build further development. It is unlike any other baby chick food on the market. *Introduced in 1884.* It is

#### The Original Chick Food—Brings 'Em Thru First 10 Days

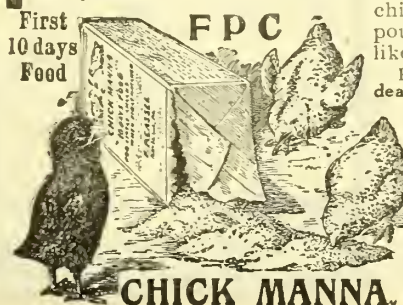
"F. P. C. Chick Manna" regulates and strengthens the delicate digestive organs, promotes growth and helps ward off attacks of epidemics. Cracked corn and heavy grain feeds are too hearty for baby chicks. "F. P. C. Chick Manna" will prove more economical in the end. Recognized by poultrymen everywhere as a clean, wholesome, *honest* food with unusual merits for baby chicks. Michael K. Boyer, the well-known poultry authority, says, "Chicks not only like it but thrive wonderfully on it."

Refuse substitutes and imitations. Ask your dealer for it. If he cannot supply you, write for

#### Special Introductory Parcel Post Offer

To introduce "F. P. C. Chick Manna" into your vicinity we are making a special offer of a 1 lb., 5 lb. or 15 lb. package by Parcel Post. Write today for free circulars of "F. P. C." Foods and Supplies.

**F. P. Cassel & Son** Sole Mfr's  
No. A-4, LANSDALE, PA.





## THE COMMERCIAL FATTENING OF POULTRY

### EXPERIMENTS IN FATTENING FOWL FOR MARKET SHOW HOW LARGE NUMBERS CAN BE MORE ECONOMICALLY HANDLED

The Department of Agriculture, Washington, D. C., has been carrying on experiments for over two years in the commercial fattening of fowl for the market, and has proven that mechanical labor-saving devices reduce

higher wages than the regular labor about a feeding station is a necessity, unless the manager of the packing house understands how to fatten chickens and watches the work closely enough so that he can successfully direct ordinary help which has had some experience.

The conclusion of the department's experiments, which are just being published, are made for the season of 1911 and 1912. The experiments were made at four separate feeding stations and therefore four sets of figures are given.

The average cost and the amount of feed consumed in fattening 394,744 chickens in the four experiments during the season of 1911 were, respectively as follows: Grain per pound of gain, 3.62, 3.33, 4.45 and 4.18 pounds; cost of feed per pound of gain, 7.83, 7.20, 7.15 and 8.71 cents; total cost per pound of gain, 9.18, 9.20, 8.96 and 10.27 cents.

The average in 1912 for 498,681 chickens were: Grain per pound of gain, 4.42, 3.58, 3.72 and 4.98 pounds; cost of feed per pound of

gain, 8.74, 7.70, 6.61 and 9.95 cents; total cost per pound of gain, 10.37, 9.69, 7.98 and 11.54 cents.

Tallow, while making the fat on the birds more pronounced, increased the cost of gains. Thick condensed



**YAMA FARMS**

2nd prize Barred Rock Hen, Madison Square Garden, New York, Dec. 26 to 31, '13. (From an untouched photograph).

the cost of fattening by reducing both the total amount of labor and the proportion of skilled labor required. The use of labor-saving mechanical devices has enabled one man to care for 4,000 to 5,000 birds. The results of the department's experiments are published in a bulletin "The Commercial Fattening of Poultry", which has just been issued and can be had by applying to the Department at Washington, D. C.

Provided stations are kept clean, mechanical features may be used to good advantage in handling poultry commercially, according to the department's investigators. A mixing machine is particularly a good investment when one is fattening a large number of chickens.

The new bulletin gives illustrations of chickens in feeding batteries waiting to be fed, and of pouring the feed into the troughs. It also shows other labor-saving devices, such as the spraying machine and a rack for squatted and hanging dressed poultry.

The advantages of a portable feeding battery are emphasized in the department's experiments. The portable feeding battery turned out the birds in better condition and reduced the cost of labor per pound of gain. It also eliminated some of the bruising of the birds caused by rehandling where stationary batteries are used.

An expert manager who is paid

### Greider's Fine Catalogue



and calendar of fine, pure-bred poultry for 1914. This book contains many pages of poultry facts. 70 different varieties, some shown in natural colors. All illustrated and described, tells how to make hens lay, raise and care for them, all about the Famous Greider Incubators and Brooders. Shows photo of the largest poultry farm in Penn. Prices of breeding stock and eggs for hatching and supplies within reach of all. A perfect guide to all poultry raisers. Send 10c for this noted book on poultry.

B. H. GREIDER, Box 118, Rheems, Pa.

**Feed Pearl Grit**

Serves a double purpose. It grinds the bird's food, thus aiding digestion and also furnishes shell and egg-making material. It **Makes Hens Lay**. It furnishes strength and feather making material enabling hens to molt and lay at the same time. Send for our new valuable poultry booklet giving prices. The Ohio Marble Co., 14S. Cleveland St., Piqua, O.

### Liberal Religious Literature

Will be sent to anyone who is interested

**FREE OF COST**

Send name and address on postcard to

**MISS ANNA SMITH**

122 PARK STREET, BUFFALO, N. Y.

**10 Good Size Packets SEED**

Northern Grown, Thoroughly Tested, Reliable, Fresh, the "Sure Grow" kind, worth \$1.00. Cost you no money and we pay postage, too.



Best, Best first early favorite. Cabbage, Best early—sure header. Carrot, Best table Variety. Cucumber, Extra early white. Lettuce, Tender—always good. Onion, Great yielder—best red. Parsnip, Best, smooth and sweet. Radish, Best of Turnip, white tip. Tomato, Best extra early, smooth. Turnip, A favorite table variety. Send us no money—your name on a Post Card will do, we will tell you about our easy seed plan. —You get all the seed you need without money. Will also send our Vegetable and Field Garden Seed List C. Write tonight. Shorewood Farms Co., Saugatuck, Mich.

### Save Your Chicks From Lice

Your chicks can't get the right start in life—they can't grow husky and big-framed—if they are pestered with lice. These parasites inflict constant torment on chicks, robbing them of flesh and blood and keeping their vitality in a low state.

**DR. HESS**

### INSTANT LOUSE KILLER

is a most effective louse killer. *Immediately* it is sprinkled on lice they die. Instant Louse Killer kills lice *instantly*—as soon as it touches them. Dust it on chicks when a week old, setting hens, brooding coops, nests, roosts, etc.

Destroys lice on farm stock, bugs on cucumber, squash and melon vines, cabbage worms, slug on rose bushes. Sifting-top can. 1 lb. 15c; 3 lbs. 6c. Except in Canada and the far West. If not at your dealer's, write

**DR. HESS & CLARK, Ashland, Ohio**



Called "Instant" because it kills instantly.



buttermilk in place of tallow produced better results.

Oat flour produced greater gains than low-grade wheat flour, but the latter feed produced cheaper gains.

Beef scraps added to the buttermilk in a fattening ration did not increase the gain. The addition of condimental feeds did not increase the appetite of the birds or help the gains. Grit is of no value in fattening for any period under 15 days.

Under commercial conditions in the Middle West, the best results are secured by fattening for about 14 days until the middle of September, and then gradually shortening the period to 6 or 7 days.

The birds ate more feed on three feeds a day, but used feed more efficiently when fed only twice.

Gains were produced at 1.89 and 1.41 cents, respectively, per pound, cheaper in 1911, and 6.30 and 2.68 cents less in 1912 on broilers than on roasters, in two experiments.

There was great variation in the results secured in fattening. This was due to the difference in the ability of the birds to take on flesh, to their weight, and to the effect of weather conditions. The variation in birds makes their selection in fattening of considerable importance, if the labor of the extra work can be handled economically. The influence of the weather in fattening allows a chance of error in comparing fattening experiments conducted at different times.

The bleach produced by fattening with buttermilk varies according to the amount of milk solids consumed by the birds.

The average cost of fattening hens in November and December was 10.92 and 8.74 cents in 1911 and 10.83 and 10.43 cents in 1912, respectively, per pound of gain at two stations. This is higher than the average cost of fattening chickens for the entire season at the same stations, but less than the cost of fattening chickens in November and December. Hens cost 7.7 cents per pound in 1911 and 10.3 cents in 1912, into the feeder, so that their flesh can be bought cheaper than produced at this time of the year. Cheaper gains were secured in fattening hens in 1911 on the rations used in fattening chickens than on a ration of corn chop with 15 per cent. of shorts mixed with buttermilk.

Chickens cost 17.6 cents per pound into the feeder, in July, 1911, while the gains cost 7 cents per pound at this time; in November, 1911, they cost 9 cents per pound into the feeder, and gains cost 10.5 cents per pound. This influences the profit in fattening and the best length of time to fatten, making it advisable to feed longer in the first part of the season. The cost of picking, grading and packing (including freezing) was about 7 cents per head, making the total average cost of a pound of dressed poultry in July, 20.5 cents, which gradually decreased through the season to 13.1 cents in November, 1911.


The best results were secured with the following three rations: No. 1, 3 parts of corn meal, 2 parts of low-grade wheat flour, and 1 part of shorts; No. 2, 3 parts of corn meal

and 2 parts of low-grade wheat flour, and No. 3, 5 parts of corn meal, 3 parts of low-grade wheat flour, 1 part of shorts, and 5 per cent. of tallow. The same feeding value is secured in a ration of 3 parts of corn meal and 2 parts of oat flour, but at an increased cost of 37 cents per 100 pounds of gain. Four parts of corn meal, 2 of low-grade wheat flour, and 1 of shorts gave very good results during the latter part of the feeding season or in cool weather; that is, the proportion of corn meal and low-grade wheat flour may be increased in cool weather.


The bulletin goes into considerable detail regarding the average price of grain and buttermilk used in feeding experiments and also gives in detail an account of the equipment, management and methods of feeding. Illustrations are given showing the general arrangement, feed mixers and elevator in the interior of a station; an exterior view of a model well-equipped plant showing complete ventilation which can be easily controlled; and the exterior of a small fattening station with feed-room in the rear. Other illustrations show

**Spray the Hen House**

**IT PAYS**  
Whitewash and disinfectant sprayed banishes lice, keeps hens healthy.  
**BROWN'S AUTO SPRAY** does the work of 3 ordinary sprayers; 40 styles and sizes. Write for Free Catalog.  
E.C. Brown Co. 65 Jay St., Rochester, N.Y.



.. The Howard Brooder Stove ..



Operates the same as your furnace, fresh air drawn in, thoroughly heated and uniformly radiated foul and poisonous air on floor, which causes chick mortality, automatically withdrawn. Keeps the air a proper temperature, pure and fresh the only stove having forced intake of fresh air and forced draft outlet of impure air, heated with blue flame wick of stove, air constantly changing making chicks healthy and happy, proper ventilation, proper temperature and grease per cent of chicks raised to maturity.

Prices \$25.00 f. o. b. Hornell, N. Y. . . . Send Stamp for Catalog

The Howard Manufacturing Company  
Hornell, New York

**CLOSING OUT SALE --- Having decided to breed PARTRIDGE ROCKS Exclusively** we will close our entire flock PARTRIDGE WYANDOTTES, including many prize winners. **A bargain for some one.** A few choice Partridge Rock Cockerels also at bargain prices. Eggs for hatching from the finest matings we ever bred. If you want quality, write **IDEAL POULTRY YARDS,** Box W. **SHILINGTON, PA.**



## A GOOD TRAP NEST

Made in a few minutes from a common box, very simple and reliable. Send for complete printed and illustrated instructions for making your own trap nest. Warm water fountains, automatic feed hoppers, poultry houses etc. Price list of our wonderful strain of Winter egg producing Barred Rocks free.

**Stirdivant Farms,**

**Sheboygan Falls,**

**Wisconsin**

**215  
EGGS  
A YEAR**

A flock of 31 Pullets grown from our Chicks averaged 215 Eggs a year in the hands of a customer-an amateur.

**MOUNT PLEASANT FARM  
SINGLE COMB WHITE LEGHORNS  
BRED-TO-LAY**

**DAY OLD CHICKS**

**EGGS FOR HATCHING**

**500 COCKERELS 2<sup>00</sup> EACH**

We Guarantee Safe Delivery  
Day Old Chicks

We Replace all Infertile Eggs  
**MOUNT PLEASANT FARM  
MT POCONO PA**

**READ  
OUR NEW  
BOOKLET  
FREE**



individual birds which are good and poor types of feeders. A very good feeder has a short, thick head; a poorer type has a crowlike shape head. The bulletin also treats of grading poultry, shrinkage in dressing, initial cost of chickens as affecting profit in fattening, relation of grain fed to manure produced, etc.

#### PROPOSED EGG-LAYING CONTEST AT THE PANAMA-PACIFIC INTERNATIONAL EXPOSITION

An egg-laying contest between hens from every nation for the championship of the world has been suggested as a feature for the Panama-Pacific International Exposition, which will be held in San Francisco in 1915, to celebrate the completion of the Panama Canal.

The suggestion comes from A. D. Dunncliff, Jr., of Sydney, New South Wales, honorary secretary of the Australian Laying Competition, who has submitted his plan to I. D. Graham, assistant chief of the department of Live Stock of the Exposition. The competition, as proposed by Mr. Dunncliff, would begin in November of this year, and continue until November, 1915, as the laying accomplishment of hens are measured officially by annual output.

The world's egg-laying record at present is held by a hen belonging to the Oregon Agricultural College. This hen completed her year on November 12th last, laying 303 eggs. This broke

the record by a dozen eggs, which previously had been held by another hen belonging to the same institution.

It is proposed under the plan submitted by Mr. Dunncliff, that poultry raisers from every country of the world ship their best hens to San Francisco for the contest. The hens would be quartered in specially arranged coops, either on the exposition ground or in the suburbs of San Francisco. Authorized inspectors would keep a careful record during the twelve months of the competition. At the end of that time, the hen which had given the greatest number of eggs would be declared the world's champion and appropriately rewarded.

Miller Purvis, chairman of the exposition's poultry advisory committee



YAMA FARMS

1st prize S. C. Black Minorca Cock, Madison Square Garden, New York, Dec. 26 to 31, '13 (From an untouched photograph).

in Idaho, is greatly enthused over the proposed egg-laying contest, and has given it his endorsement. After receiving the details of the scheme from Mr. Dunncliff, Mr. Purvis wrote to



M. M. Johnson

No One Ever Spun a Yarn  
More Interesting than M. M.  
Johnson's Real Life Story—

## "The Ups and Downs of an Inventor"

It's One of the Famous Chapters  
in the Old Trusty Catalogue

Here is a true story that has been read and re-read in more homes and by more people than many of the most popular books of fiction.

It has entertained and inspired hundreds of thousands of people who turned their efforts toward poultry raising with most gratifying success. You see Johnson on his farm, building his first Old Trusty Incubator. You see its success. Then you see how half a million people send in orders and

you see how they have made and are still making big profits with

# The Old Trusty Incubator

It's the *real favorite* wherever poultry profits are made. It's built just as you would build it for yourself if you had the Johnson training and experience and facilities. If you were to insist upon it, *no one* could build you a better hatcher. All operating parts are as simple as can be.

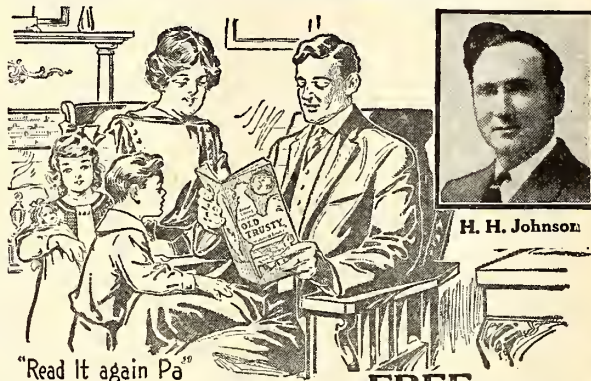
**Price Still Less than \$10—**

Freight Paid East of Rockies—Only a trifle more delivered to Pacific Coast

**20-Year Guarantee** Old Trusty Does Its Part or You Can Trade Back

Send a postal today and get this human interest story FREE. You will find it the most pleasant evening's reading ever written on the poultry subject. Then judge for yourself whether you would like to make more poultry profits this year. Write a postal *now* while you are thinking about it and get the book by return mail. The Johnsons want everyone to read it. It's free.

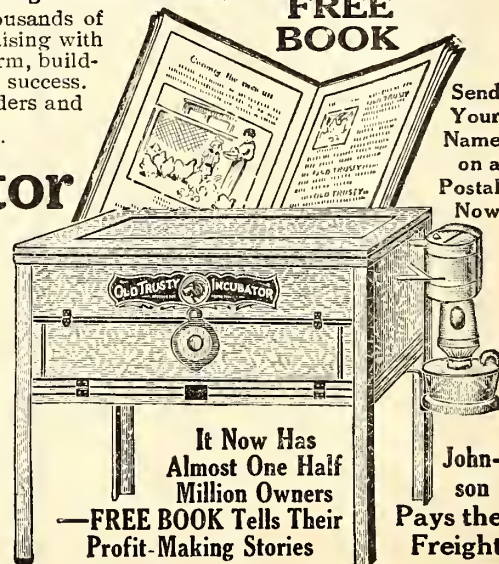
M. M. JOHNSON INCUBATOR CO., Clay Center, Nebr.



H. H. Johnson

"Read It again Pa"

**FREE  
BOOK**



Send  
Your  
Name  
on a  
Postal  
Now

It Now Has  
Almost One Half  
Million Owners  
—FREE BOOK Tells Their  
Profit-Making Stories

John-  
son  
Pays the  
Freight



Mr. Graham, assistant chief of the live stock department, as follows: "I think it would be a grand opportunity to compare the laying qualities of hens from America, Europe and Australia, and I believe we could arouse an immense enthusiasm if it were arranged. You will notice that Mr. Dunncliff guarantees a good entry from Australia and I believe England and Canada would quickly respond."

#### PRODUCING "SOFT ROASTERS" WITH CAPONS

Plain poultry keeping affords one a living, but the big profits are secured by special work—the production of "by-products" we might call it. On the average poultry farm each year's output of cockerels is usually sold at a loss. This can be avoided if you will prepare your males to meet special market requirements.

Producing **SOFT ROASTERS** will make your cull cockerels more profitable than the females. Such roasters bring the highest prices when produced through caponizing. This operation yields the largest possible bird. The larger the bird the higher price paid per pound. The South Shore section of Massachusetts is noted for its large numbers of tender, juicy **SOFT ROASTERS**, and the high market prices received for them.

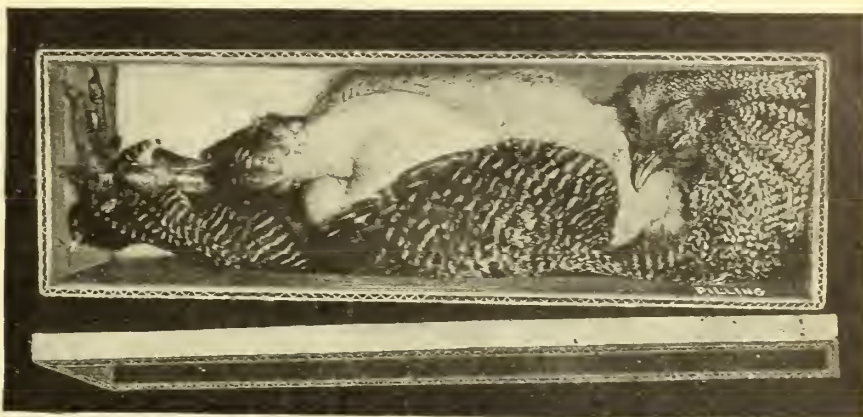
Having decided to raise **SOFT ROASTERS**, select the best cockerels for the breeding pens. This can be done when they are three or four months old. Caponize all other cockerels and feed them two or three months longer. By this time they will weigh 8 pounds and be in prime market condition. Cracked corn, beef scraps, and water should be kept constantly before them. Feed them some green food in the shape of cabbage, sprouted

outs, or green rye. Capons will reach the desired weight in a few weeks without other forcing than the above simple diet.

Soft Roasters are in demand all the year round, but bring the best prices

wished—and feel assured of prompt and safe delivery.

Caponizing not only increases the size and weight of the male at killing time, but the capon's flesh is more tender, juicy and finer flavoured than



A Capon Ready For Parcel Post Shipment.

in the early summer. We advise those of our readers who have been selling their cull males for low market prices, to caponize and fatten them hereafter. It will mean greater profits to you from marketing them as **SOFT ROASTERS**.

The new 20-pound limit for parcels lately put in operation by the Post Office Department has greatly increased the opportunities for shipping capons and dressed poultry, direct to the consumer at a small cost for transportation. You can now work up a private high class family trade and ship one or more capons direct to each customer once a week—or as often as

the ordinary fowl. This is the reason **CAPONIZED SOFT ROASTERS** bring more per pound.

The operation of caponizing is quite simple when you have a good set of modern instruments such as G. P. Pilling & Son Co. of Philadelphia manufacture. This concern has a little booklet which describes the operation thoroughly. It also gives a lot of valuable information on the care and feeding of capons. They will be glad to send it free to any poultry raiser.

\*\*\* All varieties of water fowl described in the book "Ducks and Geese," seventy-five cents per copy postpaid \*\*\*

# ROYAL BLUE BARRED ROCKS CHAMPIONS AT CHICAGO, 1913

In a class of 254 Barred Rocks, the cream of the East and West, they won 1st and 5th Cocks, 1st and 3d Cockerels, 1st Pullet, 1st and 2d Pullet Bred Cocks, 1st and 3d Pullet Bred Cockerels, 1st Cockerel Bred Pen, 2d Pullet Bred Pen. **Specials** for Champion Male, Champion Female, best colored Male and Female, **Sweepstakes Championship Prize** for best display of Barred Rocks.

## AT NEW YORK, 1912,

they made a **WORLD'S RECORD** winning six prizes out of eight awarded on Barred Rock Cockerels, including First Prize and Silver Cup for Sweepstakes Champion Cockerel. Also Special Prize on Cockerel Mated Pen.

**AT CHICAGO, 1912,** they made a great record and won the \$100 Sweepstakes Championship Cup for best display of Barred Rocks in a class of 400.

2000 Choice Exhibition and Breeding Birds at Honest Prices.

**EGGS!** From the World's Best Matings, all headed by New York and Chicago Winning Males.

1 Setting, \$10.00 | 3 Settings, \$25.00  
2 Settings, 18.00 | 100 Eggs, 50.00

**BABY CHICKS FROM THE CHAMPIONS AT SPECIAL PRICES**

Illustrated Catalog of the World's Best Barred Rocks Free.

**A. C. HAWKINS, Lock Box 30, LANCASTER, MASS.**



"ROYAL BLUE" FIRST PRIZE SWEEPSTAKES CHAMPION COCKEREL AT MADISON SQ GARDEN, NEW YORK 1911-12 BRED AND OWNED BY A. C. HAWKINS, LANCASTER, MASS.



## THOSE MISSOURI HENS

ENGLISH WHITE LEGHORNS LEAD IN THE MISSOURI CONTEST WITH AN AVERAGE OF NEARLY 43 EGGS EACH FOR THE MONTHS OF DECEMBER AND JANUARY

From the performance of the English White Leghorns in past contests and the pace that they have already started in the first two months of the third annual contest at Mountain Grove, Mo., makes it appear as if these little visitors from the "Home of the Pilgrims" were determined to again capture first honors. At the present time they have a lead of 104 eggs over their closest competitor and they won silver cup for the best pen record for the month of January, by laying 221 eggs, and up to February 1st, they had an average of 43 eggs per hen. For the first two months of the contest, the other foreign visitors, namely contestants from New Zealand, Australia, South Africa, etc., have not done nearly as well, as they have been badly out of condition and have suffered greatly because of the change of climate.

Our own biddies are not making a bad showing and while they did not start off with a "bang" like the English entrants, they may by consistent laying win out in the end. As it is, a pen of Buff Orpingtons from Texas has laid a total of 323 eggs and pen of White Wyandottes from Pennsylvania one less. The best American White Leghorns have been able to do is 303 eggs.

When it comes to individual records, the Americans have been able to claim most of the glory and at the present time a White Wyandotte from Pennsylvania has 53 eggs to her credit and the Buff Wyandotte from Missouri is second with 52 eggs. The total number of eggs laid in the month of January is 10,520, and the total number up to February 1st is 17,312. The average for the first two months is 16.63 eggs per hen.

The contest at Missouri this year is in three divisions: the National Egg Laying Contest; National S. C. White Leghorn Contest and the National Utility Contest. In the first named there are 600 hens and they laid 7,312 eggs or an average of 12.19 eggs each for the month of January. In the second section there are 280 hens, and they laid 2,023 eggs or an average of 7.26 eggs each for the month. This average is cut down somewhat because of the four immature pens from New Zealand. Another fact that affected

the laying of these hens was the fact that nearly every pen of White Leghorns went into moult and many of the hens were as naked as they ever are in the fall months when moulting.

In the National Utility Contest, 1,175 eggs were produced by 160 hens in this section. This is an average of 7.34 eggs each.

The three leading pens in each section are S. C. White Leghorns, England, 427 eggs; Buff Orpingtons, Texas, 323 eggs; White Wyandottes, Pennsylvania, 322 eggs; S. C. White Leghorns, Pennsylvania, 303 eggs; S. C. White Leghorns, Missouri, 230; S. C. White Leghorns, Missouri, 227; S. C. Rhode Island Reds, Pennsylvania, 274; Barred Plymouth Rocks, Michigan, 200, and S. C. Rhode Island Reds, New York, 167.

\*\*\* Poultry house for all climates and all locations are fully described in "Poultry Houses and Fixtures." The most complete book ever published on poultry house architecture. Fifty cents per copy \*\*\*

## Don't Feed Green Food!

Do away with the bother by using **Succulenta Tablets**

They are better and cheaper and more relished by all fowl. Simply dissolve one tablet in one quart drinking water for fowl. Sample can (100 large tablets) by mail 50c. Can of 250 large tablets by mail \$1.00. **YOUR MONEY BACK IF NOT SATISFIED.** Drop postal for particulars to The Succulenta Co., P. O. Box 405-17, Newark, N. J.

## Natural Hen Incubator \$3



No freight to pay. Actual hen controls everything. No lamp, no costly mistakes. Best incubator in the world.

Approved by Over 600,000 Buyers

Mr. J. M. Peyla, Braidwood, Ill., writes: "It is the best thing I ever saw for hatching chicks."

Another: "I hatched 90 chicks from 102 eggs."

Thousands of other similar testimonials. Agents wanted.

Catalog Free, with Special Introductory Offer

Natural Hen Inc. Co., Sta. H, Dept. 29, Los Angeles, Cal.



## A Bargain Collection of FLOWER SEEDS FOR 12 CENTS

10 choice varieties, all new, fresh seeds, sure to grow and bloom this season. Pansy, 60 Colors; Phlox, 10 Colors; Verbena, 18 Colors; Pinks, 12 Colors; Petunia, 10 Colors; Asters, 12 Colors; Poppy, 8 Colors; Stocks 10 Weeks, 8 Colors; Mignonette, mixed and Sweet Allisium. The 10 Packages only 12c.

With each order we also include a copy of a quarterly magazine, devoted to special crops and intensive farming, with special attention to the care and handling of poultry. Tells how to make \$200 per acre per year on any farm from 5 to 100 acres. Good Poultry alone, 10c a copy; 25c a year. Order now, write tonight—for Flower Seed Bargain List. A. SHOREWOOD FARMS CO., Saugatuck, Mich.

## BLACK SPANISH

Single birds \$15.00 each. Eggs \$5.00 per thirteen. Each additional Thirteen \$4.00. All First Prizes at recent Chicago and Boston Shows. Some wonderful trios at \$30.00.

R. A. ROWAN,

200 Title Insurance Building,

LOS ANGELES, CALIF

## Parkway Poultry and Stock Farm

BREEDERS OF

White Rocks

S. C. BROWN LEGHORNS  
S. C. BUFF LEGHORNS  
S. C. WHITE LEGHORNS

Black Orpingtons

1000—BIRDS FOR SALE—1000

Hanlon's Orpingtons and Leghorns have produced winners for the past fifteen years.

BABY CHICKS

\$25 per 100

EGGS FOR HATCHING

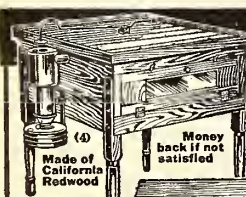
\$3, \$5 and \$7 per 15

Parkway Poultry and Stock Farm,

PHILLIP E. HANLON, Manager,

Box W,

WATERTOWN, N. Y.



130-Egg  
130-Chick  
Both for

\$10



Freight Paid E. of Rockies

Mrs. J. McMahon, Veedersburg, Ind., in 1910 won in Missouri Valley Farmer Hatching contest, hatching 125 chicks from 126 eggs.

Mr. C. B. Armitage, Atwater, Ohio, in 1911 won in Successful Farming contest, getting 181 chicks from 181 eggs in two hatches.

Mrs. J. W. Mize, Vaughns Mill, Ky., in 1912 won in Successful Farming contest getting 208 chicks from 209 eggs in two settings.

Mrs. F. H. Lewis, Montrose, Pa., in 1913 won in Successful Farming contest getting 96 chicks from 96 eggs in one setting.

## Wisconsin Wins In Big Hatching Contests

Every Year

130-EGG Incubator & 130-CHICK Brooder, both \$10  
180-Egg Incubator—180-Chick Brooder, both for \$11.50

Freight paid East of Rockies—Incubators have hot water heat, double walls, dead airspace between, double glass doors, copper tanks and boilers, self-regulating. Nursery under egg tray. Incubator and Brooder shipped complete with thermometers, lamps, egg-testers, all set up ready to use when you get them. Incubators finished in natural colors showing the high grade California Redwood lumber used—not painted to cover inferior material. If you will compare our machines with others we will feel sure of your order. Don't buy until you do this—you'll save money—it pays to investigate before you buy. Send for FREE catalog today or send in your order and save time.

WISCONSIN INCUBATOR CO., Box 84

RACINE, WISC.

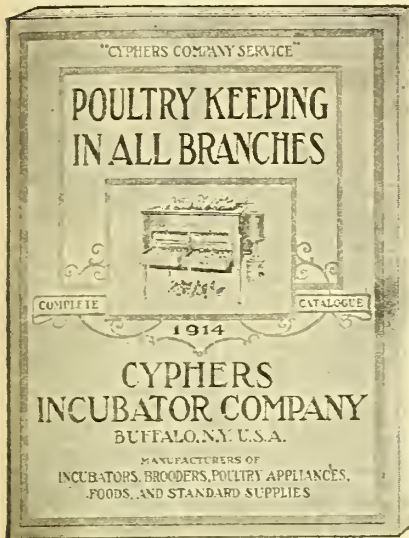
Write for FREE CATALOG and we will send a sample of the Redwood our incubators are made of

Why Take Chances



**CYPHERS INCUBATOR COMPANY'S  
1914 ANNUAL FREE POULTRY  
GUIDE NOW BEING  
MAILED**

Many readers of this journal will be glad to learn that the 1914 complete catalogue and Poultryman's Guide, published annually by Cyphers Incubator Company, Buffalo, N. Y., is now being mailed, also that a first edition copy will be mailed free by the Cyphers people, postpaid, to any of our readers who will write for it and mention AMERICAN POULTRY WORLD.



The 244-Page Book Free to Our Readers.

The Cyphers Company's 1914 book contains 244 pages, 7 1/4 by 9 3/4 inches in size, and each copy weighs nearly one pound. It is splendidly illustrated from cover to cover, including hundreds of pictures of fowls, down-to-date poultry plant views and recent portraits of foremost American and Canadian poultry breeders.

The title of the 1914 Cyphers Company book is "Poultry Keeping in All Branches", and there are eight unusually valuable chapters which fully justify this name. They are as follows:

- I. Best Methods of Back-Yard Poultry Keeping.
- II. Small Poultry Plants and How to Manage.
- III. Profitable Poultry Keeping on Farms.
- IV. Poultry Keeping as a Regular Business.
- V. Advantages of Standard Poultry Breeding.
- VI. Production of Eggs and Poultry for Market.
- VII. Methods of Marketing to Secure Top Prices.
- VIII. Special Branches of the Poultry Industry.

These eight chapters consist of reliable information and practical suggestions on the most popular and profitable methods of poultry and egg production, either on a small or large scale. The intention has been to cover all legitimate branches of the poultry business and to give helpful data and reliable advice relating thereto. These chapters are such as you would find in any first-class poultry book and not only give the reader a correct idea of what can be done in these different branches of the poultry business, but they also contain many suggestions that will be found of practical value in your daily operations.

As heretofore, this 1914 Annual Poultryman's Guide presents an "open letter" by Grant M. Curtis, President of Cyphers Incubator Company, wherein he tells about the Company's Big Fire that occurred August 16th, 1912, and explains how this critical situation was overcome, the result being that the Cyphers Company is now in a new business "home" that is the largest institution of the kind in the world. Numerous pictures are shown of the

new plant in full operation. Mr. Curtis in his 1914 open letter, also points out the great benefit that the U. S. Parcel Post is proving to be to all poultry and egg producers who have taken advantage of it.

To obtain a free copy of "Poultry Keeping in All Branches", write direct to the Home Offices of Cyphers Incubator Company, Dept. 31, Buffalo, N. Y., or address the Company's nearest branch store, as follows, being sure to mention this journal: 12-14 Canal street, Boston, Mass.; 41 Barclay street, New York, N. Y.; 329-331 Plymouth Court, Chicago, Ill.; 317-319 South-West Boulevard, Kansas City, Mo.; 2127 Broadway, Oakland, Cal.; 121 Finsbury Pavement, London, England.

**HADDOCK'S WHITE LEGHORNS**

The quality of Granock Farms S. C. White Leghorns was demonstrated at many shows during the past season, particularly at the Great Philadelphia show, where they were awarded nine special prizes, including silver cup for best display and special championship cup for the best pullet in the entire show. Also five regular prizes. This strain of Leghorns is fully described in

their handsome illustrated catalogue, which also gives complete winnings, and will be sent free to all interested in this variety. When writing for it, mention AMERICAN POULTRY WORLD, and address Granock Farms, Stewart Haddock, Prop., Poughkeepsie, N. Y.

**EGGS AND BABY CHICKS  
FROM  
FOGG'S S. C. WHITE LEGHORNS**

All our breeders this season are old birds, they produce the strongest chicks—THE KIND THAT LIVE. If you want the most for your money, send for mating list now. Safe arrival of chicks and eggs guaranteed.

N. V. FOGG,

Box W,

MT. STERLING, KY.

**EL - CO - VA FARM**

**WHITE WYANDOTTES S. C. ANCONAS**

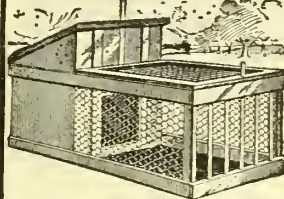
Best matings \$5.00 per setting of fifteen eggs. Second best matings \$3.00 per setting. Two settings \$5.00. Third best matings \$2.00 per setting. Three settings \$5.00. Anconas utility eggs \$8.00 per hundred. Winners Buffalo, Philadelphia, Albany, Yonkers and Poughkeepsie.

EL - CO - VA FARM, Elias C. Vail, Owner, VERBANK, N. Y.

**Hodgson Portable Poultry Houses**

**WIGWARM Setting and Brood Coop**

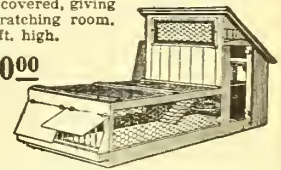
For a hen and her chicks and while she is sitting. Gives protection from rats, skunks, hawks and other enemies. Insures larger hatches—has proved its success for 22 years. Shipped knocked down—size, 2 x 4 ft., 2 ft. high.



\$300

**No. 0 Colony Laying House—**

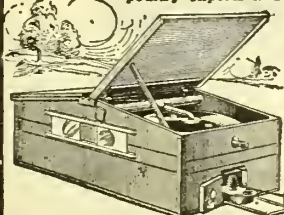
for 12 Hens Fitted complete with nests, fountain and feed trough. Sanitary—easily cleaned. One man can easily care for several hundred birds. Nicely painted—set up in 15 minutes. A comfortable year-round house. In stormy weather the run may be covered, giving a protected scratching room. Size, 10x4 ft., 5 ft. high.



\$2000

**WIGWARM Brooder**

Hot-water and hot-air heating combined gives perfect ventilation—no danger of overheating—maintains even temperature regardless of cold outside. Used and endorsed by poultry experts and by exper-



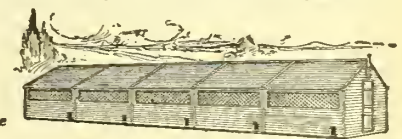
iment stations and such men as Dr. A. A. Brigham, Dr. N. W. Sanborn, Dr. P. T. Woods and Mr. A. F. Hunter. Size, 3x3 feet.

\$1500

Catalog Free

**Five-Section Poultry House—  
10x50 ft.**

Sanitary, durable, up-to-date—made of red cedar, claphoarded outside, interior sheathed. Made in 10 ft. sections, each fitted with roosts, nests and fountain. Open fronts, with canvas-covered frames. You can add sections at any time. Easily erected. First section, \$75.00; additional sections, \$60.00 each.



**E. F. HODGSON CO.** Visit our showrooms { Room 320, 116 Washington St., Boston, Mass. } Address all correspondence to Boston { Craftsman Bldg., 6 East 39th St., New York }



# EVERYBODY'S COLUMN

## NOT A BAD RECORD

Editor American Poultry World:

I inclose herewith, a statement of what a portion of my flock of hens did during the year 1914. The hen "Lady La Belle", is seemingly in about as good laying condition as during the year just closed. Today she laid her 302nd egg, having produced 5 eggs in 7 days of her second year. She has taken no extended time for moulting, but seems to be moulting gradually. She has lost no time on account of broodiness. So far as I am able to judge she apparently will lay on indefinitely. The hen 1442, has laid 24 eggs since the expiration of her year on Dec. 1st, making a total of 256 eggs. She lost considerable time on account of broodiness, but has taken no time for moulting.

My wife and I enjoy every number of the Poultry World. It is one of the best journals with which I am familiar. All the material contained in it is useable. I hope you will be able to maintain its high standard and that your subscription clerks may be kept busy.

The following is the record of two Barred Rock hens, sisters, hatched May 25, 1912:

No. 1442 began laying Dec. 2, 1912.

December	20 eggs
January	24 eggs
February	21 eggs
March	26 eggs
April	20 eggs
May	19 eggs
June	20 eggs
July	15 eggs
August	11 eggs
September	16 eggs
October	24 eggs
November	19 eggs
December (to the 1st)	1 egg

236 eggs

No. 1446, "Lady La Belle", began laying Dec. 31, 1912.

December	1 egg
January	23 eggs
February	22 eggs
March	26 eggs
April	27 eggs
May	30 eggs
June	26 eggs
July	23 eggs
August	23 eggs
September	26 eggs
October	29 eggs
November	22 eggs
Dec (to the 30th)	19 eggs

297 eggs

This bird produced 300 eggs in 369 days and is still laying.

A pen composed of four S. C. White Leghorns, seven Barred Rocks and two mixed birds laid 2,729 eggs from Jan. 1, 1913, to Dec. 31, 1913, inclusive, an average per bird of 210 eggs.

A pen of six composed of four S. C. White Leghorns and two Barred Rocks, laid 1,445 eggs from Jan. 1, 1913, to Dec. 31, 1913, inclusive, an average of 241 eggs. One Leghorn died at the end of 10½ months. Myron E. Keats, Wisconsin.

## FOR TURKEY RAISERS

Editor American Poultry World:

My old turkeys often became sick and get poor and die. I could not discover what the trouble was.

At last, by accident, I discovered that a sick turkey was trying to eat corn. By watching its' movements closely, I saw that it tried to catch the grain, but for some reason the grain was not picked up. I caught the turkey, and upon examining its beak, found that the upper lip was grown out long and curled downward over the lower lip. The curved part of the upper lip was beaten and worn. I at once saw the difficulty and cut the hooked part of the upper lip off, making it even with the lower lip. I put the fowl down on the ground and it ate ravenously. In a week this turkey was healthy and grew fat.

Perhaps every experienced poultry raiser knows more about this matter



## QUICK MONEY

## Growing Mushrooms

Learn things many growers never knew before, explained in new book, "Truth About Mushrooms." Add \$10 to \$70 a week to your income. Small capital starts it. Demand exceeds supply. Grow in cellars, sheds, boxes, etc. Now is best time. Profits bigger, quicker. Anyone can do it. Send for the book, it's free. Bureau of Mushroom Industry, Dept 1311342 N. Clark St., Chicago

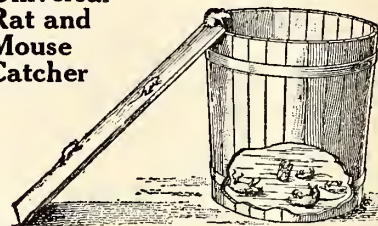
than I do, but I know some people who have lost turkeys as I have, for years, simply because of ignorance of this simple remedy. Eliza Ingraham, Ohio.

## HOW TO HATCH AND FEED YOUNG DUCKLINGS

Editor American Poultry World:

I find from practical experience the best way to hatch ducks is to give

## Universal Rat and Mouse Catcher



Cleans a building of Rats and Mice in a short time, and keeps it cleaned, for it is always ready for use. Made of galvanized iron, can't get out of order and lasts a lifetime. A large number can be caught daily. Go to the Catcher mornings, remove device on inside, which only takes a few seconds, take out the dead rats and mice and replace device and it is ready for another catch. A small piece of cheese, is used, doing away with poisons.

The Catcher is 18 inches high and 10 inches in diameter. When Rats pass the device they die and no marks are left on them. The Catcher is always clean. One of these Catchers set in a livery stable in Scranton, Pa., caught over 100 Rats in a month. One will be sent prepaid to any place in the United States upon receipt of \$3. On account of shipping charges being prepaid, remittance is requested with order.

Catcher 8 inches high, for mice only, prepaid for \$1.

H. D. SWARTS, Inventor and Manufacturer, Scranton, Pa.

## MAMMOTH BRONZE TURKEYS

My Turkeys made a record at the Greater Buffalo and Flower City, Rochester, Show—Buffalo, 1-2 cockerel, 1-2 pullet, 2-3 hen, 2-3 cock. Rochester, 1-3 cock, 1-3-4-5 hen, 1-2-4 cockerel, 1-2-4 pullet. Grand young stock now ready for delivery at moderate prices. Put quality in your flock by securing a Barlow Tom. Also high class Columbian Wyandottes and S. C. Buff Leghorns. Write your wants to

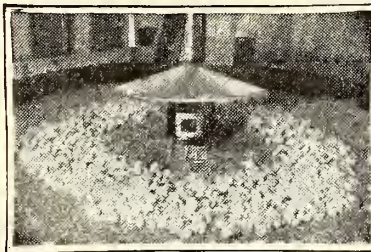
A. G. BARLOW,

COUNTY LINE POULTRY FARM,

Box W,

MEDINA, N. Y.

## PETALUMA BROODER STOVE



Raises more and better chicks. Saves 90 per cent. of the labor. The MODERN WAY of BROODING. FRESH AIR and ECONOMY combined. No crowding; no chilling; no over-heating. AUTOMATIC CONTROL. Free Catalogue.

PETALUMA BROODER STOVE WORKS,

NIGHT SCENE

DAYTON, OHIO

and

HAYWARD, CALIF

## Ship Day Old Chicks in This Safe Box

We ship thousands of baby chicks each season from Tywacana Farms to all parts of the country in the strong but light and compact



**Wright Box**  
THE RIGHT BOX

The most satisfactory box for shipping chicks. It has adjustable ventilating regulator which meets varying weather conditions more satisfactorily than any other device. Chicks do not trample, smother or get chilled. Made of double, reinforced corrugated cardboard—it is

## Strong—Simple—Safe—Sanitary

The New Wright Egg Box is the strongest and lightest package for shipping hatching eggs or fresh table eggs. Easy to pack—each egg has absolute protection—cannot shake or jar. Both chick and egg boxes are shipped to you flat and are easily set up and packed for shipment to your customers.

Write today for Free Booklet describing The Wright Boxes for shipping chicks and eggs.

TYWACANA FARMS POULTRY CO.

A. E. Wright, Supt. Box 60, Farmingdale, Long Island, N.Y.





the eggs to a good size chicken hen. I prefer a Barred Rock or any common breed of chicken. I generally give the hen about 12 eggs, it is not necessary to sprinkle the eggs as I have always had good hatches without doing this, and you are liable to chill the eggs, as you do not know what time the hen will leave the nest for feeding. It is best to remove the ducklings as soon as they are thoroughly dry, as they are very easily killed by the hen tramping on them. Do not feed for 18 to 24 hours, as they can go several days without feed. I prefer to give stale bread and milk, to which is added a small portion of fine sand, for the first 10 days. When they are about two weeks old I generally change the feed to bran, cornmeal and cracked corn, ground up very fine, made into a mash; do not forget the sand, as sand is the same to ducks as grit is to chickens.

Do not allow the ducklings to bath in water until they are feathered, as they are subject to cramps and you will find they will get weak in the legs and will be unable to walk. I find it much better to leave the young ducks out in the air all night when the nights are very warm, as they will grow much faster. William E. Peerce, Glen Arm, Md.

#### TO HOUDAN BREEDERS

At the meeting of the American Houdan Club, held at the Boston Show, Jan. 14th and 15th, it was agreed that in order to have the Houdan fowl become permanently popular, it was necessary that the breeders pay more attention to the utility qualities of the breed, and that the American Houdan Club take as the main keynote of its work during the coming year the drawing of the attention of the public to the genuine utility qualities of the Houdan, and that the members of the Club and Houdan breeders generally be urged to show the public what the Houdan can do as layers, and how valuable the breed is for producing the finest of table poultry.

It is hoped that next season we can arrange for displays of Houdan eggs, and if possible dressed fowl, at different shows, as it is believed that such display would prove a valuable object lesson as to the real worth of the breed.

It is also hoped that arrangements can be made to enter in the name of the Club, pens of Houdans at the different laying competitions next fall, and it is also hoped that individual breeders of the Houdan will also enter birds in these competitions.

To get in line for this work, and to get material for showing the value of the Houdan as a producer of both eggs and meat, it is requested that during the coming year Houdan breeders will keep, whenever possible, records of what their hens and pullets are doing as layers. Also that they will send to me whatever records they may have that show good laying ability in the case of flocks of Houdans, and better still, the records of individual birds. We want genuine and authentic records, not what you think the birds are doing, but what they actually are doing. None of this information will be made public without the consent of the parties furnishing it.

I would also like to hear from any members of the Club who would be willing to put some birds into a Club pen in the laying competitions next fall. This is the time to prepare for this, plan for your layers before they are hatched.

Now fellow Houdan breeders, whether you are members of our Club or not, (if not you ought to be), I want your help in this good work. Let me hear from you, I want to get information as to what the Houdan is really doing. We also want your help in producing more and better Houdans, the kind that

will lay, and lay well, the kind that will make, when properly fed and cared for, the very finest of table poultry, for, when all is said and done, we must remember that at least 95 out of every 100 people keeping poultry do so for what eggs and what meat they produce. It is up to us as Houdan breeders to show that the Houdan is not merely an ornamental breed, a fowl for exhibition, but that it is also a genuine utility breed, good for eggs, good for meat. Get busy, and let me hear from you. Jas. Abernethy, President American Houdan Club, West Pembroke, Me.

#### SPRATT'S POULTRY FOOD

There is nothing more important in the successful rearing of chicks than the proper kind of food, that is, food that contains all the elements required by the growing chicks, to not only maintain bodily functions, but also to aid in the rapid development and quick maturity of the specimen. Spratt's Chick Foods are specially prepared to meet all the demands of chick life and are being successfully used in almost every civilized country on the globe. Their advertisement will be found elsewhere in these columns and all those interested in successfully raising chicks should write for a sample of their foods and a copy of their circular entitled "Hints on Chick Raising". When writing do not fail to mention AMERICAN POULTRY WORLD, and address Spratts Patent, Ltd., Newark, N. J.

## A FAMILY ORCHARD IS

Greatest fruit tree bargain ever offered. A good assortment of hardy trees, just right for planting: 4 Jonathans, 4 Spitzenbergs, 4 McIntosh Red—all for ONE DOLLAR, postpaid. Enough for any home. Good fruit means good health. Eat apples and save the doctor's bill. A home without the apple tree is incomplete. To make this \$1.00 offer doubly attractive, we include a subscription to a quarterly magazine.

**GOOD POULTRY** devoted to special crops and intensive farming, with special attention to the care and handling of poultry. Tells how to make \$200 per acre per year on any farm from 5 to 100 acres. Poultry needed in every orchard. Good Poultry alone, 10c a copy; 25c a year. Order now, write tonight for Bargain Illustrated Nursery List, B.

**SHOREWOOD FARMS CO.** Saugatuck, Mich.

#### The Howard Sanitary Poultry House



#### THE POULTRY PARLOR

4x8 ft. 64 sq. ft. floor space. 2 stories high, accommodates 15 to 20 fowls, washing yard, fat flow, removable roosts and drop boards, easily cleaned, each side of the road in one piece waterproofed and covered edge no leaking, painted complete weight 410 lbs. shipped knotted down, erected in ten minutes. A mail will convince you we are selling at its merits. Price \$10.00. 1 to 5 Homell, N. Y. Plans \$1. Send stamp for catalog.

#### The Howard Manufacturing Company

Homell, New York

## WE PAY THE FREIGHT on Blue Ribbon Poultry Feeds

NO MATTER HOW FAR NO MATTER HOW NEAR

We give you the right prices and Pay the Freight. A Feed for every age and every need—Get the Habit and Use Blue Ribbon Poultry Feeds.

Write us today for our special Breeder's Price List, freight prepaid. We stand your mailing expense on all orders.

**GLOBE ELEVATOR CO., 97 Kentucky St., Buffalo, N. Y.**



TOLMAN FRESH AIR STRAIN

## WHITE PLYMOUTH ROCKS

BABY CHICKS and EGGS FOR HATCHING

The kind that live and give results. Over 80 per cent of his old customers ordered from Tolman last year. Book your order early. Circular and price list free. P. O. Address

**JOSEPH TOLMAN, Dept. G, R. F. D. No. 1, ROCKLAND, MASS.**



## NOW READY NEW 1914 PRAIRIE STATE CATALOG

One of the world's foremost experts on artificial incubation and the rearing of poultry, wrote this big 112 page book. His advice is worth hundreds of dollars, especially to the beginner. For example—he tells you how, by studying the ways of hens that stole their nests, he hit upon the idea of the moistened Sand Tray and how it resulted in a wonderful increase in the number of strong, vigorous "chicks that live"—the profit producing kind—the only ones you can afford to raise.

## PRAIRIE STATE INCUBATORS and BROODERS

are used and endorsed by leading Agricultural Colleges and Poultry Experts, the world over. For over 30 years they have maintained the lead and with the many new 1914 features, they are simply incomparable. Beginners will be particularly interested in the new Keystone Model which maintains Prairie State quality with all the new improvements and yet sells for only \$9 and up.

### Send Your Name on a Postal for FREE Book

Do it today. A delightful surprise will await you for this is more than an ordinary catalog. It contains in addition to full descriptions of Prairie State machines and their exclusive features, about 60 pages of other valuable information on poultry raising. For example—How to Feed, Rear and Breed for Best Results; How to Grow Green Feed in Winter; How to Build Poultry Houses; How to Treat Diseases; How to Preserve Eggs, etc., etc.

This big, new 112 page book is FREE if you send now. Write—

**PRAIRIE STATE INCUBATOR CO., Box 202, Homer City, Penna.**



# POULTRY WORLD AFFAIRS

The Campine Herald and the Ancona World, published at Franklinville, N. Y., have been consolidated and in the future will be issued as one publication.

—o—

We are advised by John S. Martin, Port Dover, Ont., Can., that he has 400 January hatched chicks and a large number of eggs in the process of incubation.

—o—

F. A. Tiffany, for several years superintendent of Pen-Y-Bryn Farm, Ambler, Pa., announces his resignation to take effect March 1st. Mr. Tiffany will engage in business for himself.

—o—

W. H. Manning, Saratoga Springs, N. Y., has been reappointed superintendent of poultry at the New York State Fair, according to a dispatch dated Albany, N. Y., February 9th, 1914.

—o—

Some poultry statistician has figured out that the hens in the Petaluma (Cal.) district, produce eggs to the value of \$5,000 per day, or in other words \$500 per hour for 10 hours each day.

—o—

According to a report of the British Board of Agriculture, poultry to the amount of \$200,000 is imported into England weekly. The board deprecates this fact and will try to encourage greater activity in the poultry industry of the island.

—o—

A Guelph, Canada, newspaper dispatch states that a chicken thief entered the premises of a resident of Kossuth, a nearby town, and removed 20 fowls, but in doing so dropped his purse containing \$92.00. Other residents of the town are now leaving the lock off the chicken coop door.

—o—

The officers of the Cleveland Poultry Breeders' Association for the ensuing year are: President, J. O. Sommers; vice-president Dr. R. H. Simkle; secretary, Dr. R. H. Lindhorst. On account of other business demanding his attention, A. E. Rehbarg, former secretary, could not accept re-election to the office of secretary.

—o—

Wm. M. Pattison, Penn Yan, N. Y., on Saturday, January 31st, sailed for Egypt. His itinerary includes Servia, Persia, Italy, Germany, Belgium and England. As Mr. Pattison is an enthusiastic poultry fancier, he will make it part of his mission to secure some choice specimens of Leghorns, Campines, Sussex, Faverolles and Belgian Bantams.

—o—

The summary of the first quarterly report of the Storrs College and the North American Egg Laying Contest shows that the 820 layers at Storrs

have laid a total of 9200 eggs during the first twelve weeks, while the 500 layers in the North American contest have contributed 9769. The former have made an individual average of 11.2 eggs and the latter 19.5. Contestants in each instance are fed the same rations and are cared for in a corresponding manner. The White Wyandottes in each contest claim the distinction for the highest production to date.

—o—

Thirteen poultry dealers of New York City, members of the so-called "Chicken Trust", must serve three months in the penitentiary and pay a fine of \$500 each, according to a decision handed down on February 6th by the Appellate Division of the Supreme Court. They are charged with conspiracy to destroy competition in the live poultry market of the metropolis.

—o—

Several importations of eggs from China, have been received recently at Pacific Coast ports. As eggs can be purchased in the "Celestial Empire" at about 8c per dozen and laid down in San Francisco at a cost said not to exceed 14c per dozen, poultrymen of

\*\*\* A dollar saved is a dollar earned.  
Earn a dollar by sending your order  
for magazines to us \*\*\*

## SEND A FRIEND American Poultry World 4 Months on Trial

A trial subscription to the American Poultry World sent with your compliments to some good friend or neighbor who is not already a subscriber is a gift that will be appreciated—don't put it off—send in 10 cents with that name and address today.

## NEW SUBSCRIBERS 4 Months for 10 Cents

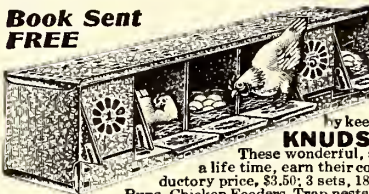


## RAISE EVERY CHICK on "HEN-E-TA-HEN-O-LA" The Phosphatic-System!

The more phosphorus in the egg and the more phosphorus in the hatch and the harder the new-born chick. The Hen-e-ta-Hen-o-la System eliminates all bowel-trouble; reduces mortality to a minimum; grows and develops the chicks faster and cheaper into strong, rugged, healthy "egg-producing" birds. Ask your dealer or write us for new booklet, entitled: "The Successful Way to Grow Little Chicks."

HEN-E-TA BONE CO.  
Dept. W. Newark, N. J.

## Book Sent FREE



Keep your hens happy, get more eggs, make them pay you better by keeping them free from lice and mites, by equipping laying houses with **KNUDSON Galvanized Steel LICE PROOF NESTS**. These wonderful, sanitary, patented nests (not a trap nest) can't get out of order, last a life time, earn their cost many times over. Regular price, \$3.30, set 6 nests—special introductory price, \$2.50; 3 sets, 18 nests, \$10. Write for free catalog, Gal. Steel Brood Coops with Runs, Chicken Feeders, Trap nests, etc. Knudson Manufacturing Co., Box 547 St. Joseph, Mo.

## Lice-Proof Nests

### HAPPY HENS EARN BIG PROFITS.

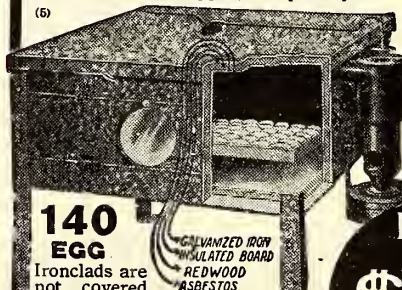
Keep your hens happy, get more eggs, make them pay you better by keeping them free from lice and mites, by equipping laying houses with **KNUDSON Galvanized Steel LICE PROOF NESTS**. These wonderful, sanitary, patented nests (not a trap nest) can't get out of order, last a life time, earn their cost many times over. Regular price, \$3.30, set 6 nests—special introductory price, \$2.50; 3 sets, 18 nests, \$10. Write for free catalog, Gal. Steel Brood Coops with Runs, Chicken Feeders, Trap nests, etc. Knudson Manufacturing Co., Box 547 St. Joseph, Mo.

# Ironclad

TRADE MARK

## Wins in the Two BIGGEST HATCHING Contests Ever Held

Why take chances with untried machines when for only \$10 we guarantee to deliver safely, all freight charges paid (East of Rockies), BOTH of these big prize winning machines fully equipped, set up ready for use? Why not own an Ironclad—the only incubator that has for two years in succession won the greatest hatching contest ever held? In the last contest conducted by Missouri Valley Farmer and Nebraska Farm Journal, 2,000 Machines were entered including practically every make, style and price. With 140-egg Ironclad—the same machine we offer with Brooder freight paid, for only \$10, Mrs. C. F. Merrick, Lockney, Texas, hatched 148 chicks from 148 eggs in the last contest.



140  
EGG

Ironclads are not covered with cheap tin or other thin metal and painted like some do to cover up poor quality of material.

Ironclads are shipped in the Natural color—you can see exactly what you are getting. Don't class this big, all metal covered, dependable hatcher with cheaply constructed machines—and don't buy any incubator until you know what it is made of. Note these Ironclad specifications: Genuine California Redwood, triple walls, asbestos lining, galvanized iron covering, galvanized iron legs, large egg tray, extra deep chick nursery—hot water top heat, copper tanks and boiler, self regulator, Tyco's Thermometer, glass in door, set up complete ready for use and many other special advantages fully explained in Free Catalog. Write for it TODAY or order direct from this advertisement.

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Both  
for  
\$10  
Freight Paid  
East of Rockies

## 30 Days Free Trial

Money Back if not Satisfied



140  
Chick  
Brooder

IRONCLAD INCUBATOR COMPANY, Box 63, RACINE, WIS.



Sonoma County, Cal., are greatly alarmed and have started a campaign against the free entry of these eggs. One of their strongest arguments is that the Chinese eggs are produced under extremely filthy conditions, as China is a country without the most ordinary sanitation, the hens acting as scavengers.

Edward Brown, F. L. S., (England), one of the founders and for nearly fourteen years secretary of the National Poultry Organization Society, recently merged with the Agricultural Organization Society, has resigned his position as poultry expert and secretary of the poultry and egg committee of the latter. He has held this position since April, 1913, and his resignation is to become effective on March 31st.

Although Canada is an agricultural country it is necessary to import eggs for home consumption. Previous to 1900 large quantities were exported and there were also small imports at some points. How conditions have changed since that time is amply demonstrated by the following figures: For the year 1900, the exports amounted to 10,187,906 dozen, and the imports to 709,829 dozen. For the year 1913, the exports were 126,854 dozen, while the imports reached 13,240,111 dozen. Of the latter amount the United States supplied 13,237,799 dozen.

For the fourth time disaster has overtaken the Eastern Ontario Show, held annually at Ottawa, Can. The explosion of one of the boilers in Horwick Hall, one of the main buildings, during the recent show is the most serious calamity that has yet befallen this event. Not only was there a serious loss of prize stock of every kind, but a dozen people were more or less seriously injured and three were killed instantly. The explosion occurred about 8 A. M., had it been a few hours later the probabilities are that a serious loss of life would have occurred. Among the exhibitors of live stock the poultrymen were the more fortunate, aside from a general mix-up of birds, the losses were small.

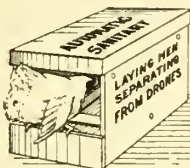
A summary of results of the Second International Egg Laying Contest, held under the supervision of the Provincial Department of Agriculture at Victoria, B. C., will undoubtedly prove of interest to many readers. The contest was of 10 months' duration and closed on October 2, 1913. Forty pens of six birds each divided into two classes of 20 pens each and designated as class one, Non-Weight Varieties, and class two Weight Varieties, vied with each other for the honor of producing the greatest number of eggs. Class one captured the honors with a pen record of 1,132 eggs or an average per hen of 188.6, while the best class two could do was a total of 1078 eggs, or 179.6 eggs per hen.

The total number of eggs laid was 34,977, valued at \$1,020.17, while the total cost of feed was \$376.94, leaving a profit of \$643.22 over the cost of

feeding. In other words a net profit of a trifle over \$2.68 per head. The cost per head for feed was \$1.57 and the average number of eggs per hen 145.7, therefore the cost of producing an egg was a fraction over one cent each.

#### PITTSBURGH PERFECT FENCE

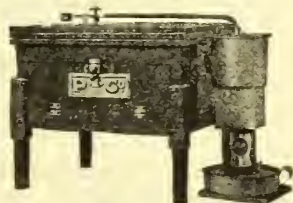
There is nothing of greater importance to the well equipped poultry farm than a reliable and substantial fence. There are many styles on the market, but all those who wish a reliable and substantial fence, one in which every rod is guaranteed, should send for a copy of the new catalogue issued by the Pittsburgh Steel Company, Pittsburgh, Pa., and mention A. P. W.



## AUTOMATIC SANITARY TRAP-NEST

Made of sheet metal, sanitary, vermin proof, durable. No strings or springs. Accurately selects good layers from drones and non-layers. Requires no time, attention or removal of hen. Automatically re-sets, operated exclusively by the hens. Saves time, care, labor and feed. The best is the Cheapest. Price \$3.50. Discount to Agents. Free Booklet. Address:

**AUTOMATIC SANITARY TRAP NEST CO., Duluth, Minn.**



## Petaluma Incubators

have made Petaluma, California, famous as the greatest poultry section of the world.

### 1,500,000 LAYING HENS

Petaluma Incubators are bringing success to every place on earth where used. They will bring success to you. Prices from \$6.00 up. Ask about our Parcel-post Incubator. Best small incubator ever made. One man is using 112 504-Egg Petaluma Incubators.

Raise chickens the PETALUMA WAY. 100 to 2500 chicks in one house with a single brooder. Less work. Address your letter to desk 16.

### Petaluma Incubator Company

INDIANAPOLIS, IND.

PETALUMA, CALIF.

## Gibson Strain Day-Old Chicks

are the progeny of large, healthy birds with vigorous constitutions, carefully selected and line-bred to lay heavily during the winter months. Every Gibson Strain chick shipped is lively and hardy. We ship in strong, well ventilated boxes to assure their safe arrival at your express office. Book your order now for day-old chicks or eggs for hatching from Gibson Strain

### White Leghorns—Barred Rocks—R. I. Reds

We are specialists in "utility" birds and have devoted years to making the Gibson Strain of these three popular breeds leaders in egg production and as table fowls. We make no extravagant claims, but deliver honest value in our stock

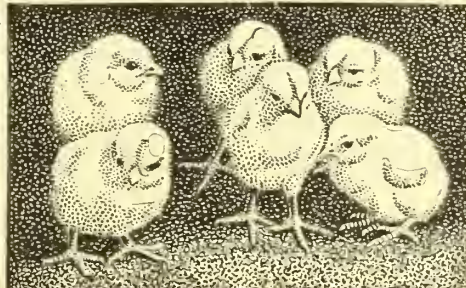
### Eggs for Hatching—Breeding Stock—Indian Runner Ducklings

The individual fowls in our 1914 breeding pens are better than ever. Their progeny will make fine utility birds and add valuable new blood to your flock.

### Write for Free Catalog

Our 1914 catalog is ready to mail. It gives full description of breeding pens and prices of stock for sale, baby chicks, eggs for hatching, and Gibson Strain Indian Runner Ducklings. Write for a copy of this free catalog—today.

**Galen Farms**  
G. F. Gibson  
Prop.



**Drawer D,**  
CLYDE,  
NEW YORK





**FRANK MILLER, CRESTLINE, OHIO**

Elsewhere in these columns will be found the advertising of Frank Miller, Crestline, Ohio, breeder of White Faced Black Spanish. Mr. Miller has been interested in poultry raising for almost a quarter of a century. He originally bred the Spanish, but later on took up the Barred Plymouth Rocks, which he bred very successfully for several years, becoming prominent as a breeder and exhibitor of this variety. During this period Mr. Miller also did a great deal of judging in the middle west, but in 1903, becoming interested in politics, gave up judging and shortly after that was obliged to give up the breeding of poultry on account of poor health. After a short period of retirement from active business life he soon regained his health and naturally returned to poultry raising. At this time he went back to his first love, the Black Spanish, with the idea of keeping only a very few of the choicest exhibition specimens, consequently he secured the very best stock obtainable both in America and abroad, and he has built up a strain that are remarkable for their large, smooth white faces, and it might not be out of place to mention here that a cockerel of his breeding won the special for the best bird in the show at the Cleveland Coliseum show. As Mr. Miller has developed his breeding operations more extensively than he first anticipated he naturally finds that he has a quantity of surplus stock on hand and has decided to continue the business in a small way and offer choice stock or eggs for hatching to those who are interested in this grand old variety.

A representative of this publication examined Mr. Miller's exhibit at the Cleveland, Ohio, show, and he stated that he believed it to be one of the finest exhibits of White Faced Black Spanish that he has ever seen.

Mr. Miller is a responsible business man and enjoys the fullest confidence of his business associates therefore readers of this magazine who desire to place an order with him can do so with the fullest assurance of a square deal.

**THE HOME OF UTILITY SHOW BIRDS**

At Trenton Junction, New Jersey, there is gathered together some of the finest fowls the writer has ever seen. Mr. Wm. D. Campbell, the superintendent of Wilburtha Poultry Farms, has produced some exceptional Columbian Wyandottes. He has several pens mated up with the prize winners of the 1913 Grand Central Palace and Madison Square Garden show and other leading exhibitions.

Wilburtha Strain Columbian Wyandottes are noted for their wonderful egg producing ability and their unexcelled quality for broilers and roasters. In appearance they are about the most beautiful utility fowls one could raise. Their distinctive marking and feathering is most pleasing.

The Columbian Wyandottes are not the only varieties raised so successfully at the Wilburtha Poultry Farms. They have some choice Partridge Plymouth Rocks, Columbian Plymouth Rocks, and a large flock of S. C. White and Buff Leghorns—the greatest layers of large white eggs in existence.

Wilburtha Poultry Farms are ideally located at Trenton Junction, New Jersey, to produce healthy fowls with vigorous constitutions. The young stock is reared right and kept free from taint of disease and vermin. They are line-bred from prolific laying stock that also have an enviable record in the show room. Mr. Campbell, the superintendent, says the demand for day old chicks and eggs for hatching last season was so large that they have increased their facilities this year to enable them to fill all orders more promptly.

We advise anyone interested in securing baby chicks, eggs for hatching or fine breeding stock, to write for their free descriptive circular and prices before placing orders.

**REPORT OF ANNUAL MEETING OF THE NATIONAL BLACK LANGSHAN CLUB**

The National Black Langshan Club held its annual meeting at Rochester, N. Y., December 17th.

There was a fine exhibit of Langshans. Secretary Tallinger of the Rochester show stated it to be the largest class ever cooped in New York State.

The secretary reported the club as growing rapidly, ninety-two new members having joined this year.

The following officers were elected for the ensuing year: President, Geo. Urban, Jr., Buffalo, N. Y.; vice-president Wm. T. Blakely, So. Pasadena, Cal.; secretary-treasurer, John A. Rhodes, Cedar Rapids, Iowa; assistant secretary, E. R. McCormick, Letts, Iowa; Executive Board, R. A. Hewes, Crete, Ill.; L. E. Meyer, Bowling Green, Mo., and R. W. Bishop, Guilford, Conn.

At a meeting of the executive board, held at the Chicago show, Dec. 14th, (where there was the largest class of Langshans ever exhibited in this country), President Barker asked to be released from office, saying he had been in the harness for the past five years and did not want any office this year, at least.

The board talked over the matter of publishing a Langshan book, and the secretary was instructed to proceed with the same at once.

Every Langshan breeder should become a member of the club and be listed in this book.

Every member present at both Chicago and Rochester seemed enthusiastic over the future of the Langshans and the prospect for business this coming year.

Join the club. \$1.00 pays your membership fee and dues until October, 1914, if sent to John A. Rhodes, secretary, Cedar Rapids, Iowa. You can have a club catalogue for the asking.

\*\*\* A postal will bring a copy of our Clubbing Catalogue by return mail \*\*\*

**Printing for Poultrymen**

Few Poultrymen realize the value of good printing—in fact many fail to use **Printed Stationery**.

Well printed letter heads make a favorable impression on the prospective buyer and the breeder who uses well printed stationery will secure two orders to one for his neighbor who uses "any old thing."

We are prepared to fill orders for Business Cards, Envelopes and Letter Heads promptly at the following prices:

**BUSINESS CARDS.**

Any Size up to 3½ in. x 5 in.

100 . . . . .	\$1.50
250 . . . . .	1.75
500 . . . . .	2.00
1000 . . . . .	2.50

**ENVELOPES LETTERHEADS**

250 . . . . .	\$1.75	250 . . . . .	\$1.75
500 . . . . .	2.00	500 . . . . .	2.00
1000 . . . . .	2.50	1000 . . . . .	2.50

Postage or express charges to be paid by the purchaser. Give us a trial, our printing will help your business. Send all orders to

**American Poultry World**

Job. Dept., 158 Pearl Street, Buffalo, N. Y.

**GERMOZONE**

is good for chickens, as for all other birds and for domestic and pet stock.



head, bowel complaint, illness from eating musty or spoiled food, etc., you won't regret trying Germozone first. Of great value as a preventive. Sold by leading dealers in poultry remedies at 50 cents, or postpaid from Omaha. Send for latest literature on the care of poultry and pet stock.

**GEORGE H. LEE CO., OMAHA, NEB.**  
For Lice or Mites Use Lee's Lice Killer

**CHICKEN LICE**

All old chickens have lice unless regular preventive measures are used. With one application of Lee's Lice Killer I have often taken 500 or more lice by actual count from a hen whose owner thought his hens had no lice. Chickens cannot do well infested with vermin of any kind, and the easiest and best way to get rid of them is by the use of Lee's Lice Killer, a liquid. Applied under the fowls—to roosts, etc.; never directly to their bodies. No dusting, dipping or greasing. 35c, 60c and \$1.00 cans. Sold by leading dealers. Send for latest poultry book and new pamphlets.

**GEORGE H. LEE CO., Omaha, Neb.**

Lee's Louse Powder is handy where a powder is preferred.  
Lee's Germozone is the best poultry medicine.

**SPRATT'S POULTRY FOOD****NONE OTHER LIKE IT**

95 per cent. of the mortality amongst young chicks may be traced to improper feeding.

**SPRATT'S CHICK MEALS** No. 12 (fine) No. 5 (medium) and **CHICK GRAIN**.

Are the result of over 50 years experience and millions of chickens are successfully reared on these foods annually.

Write for samples and send 10c for "Poultry Culture" containing valuable information on Chicken raising.

**SPRATT'S PATENT LIMITED, Box W, NEWARK, N. J.**



## NEW MEMBERS OF A. P. A.

Since the last issue of AMERICAN POULTRY WORLD went to press the following new members have been elected to membership in the American Poultry Association by action of the Executive Board:

OHIO—Wm. B. Butler, Columbus; Chas. W. Kirsch, Chillicothe; Wm. H. Gibbons, Zanesville; H. E. Young, Bremen; Henry A. Butler, Youngstown; A. G. Dross, Dayton; C. M. Ault, Piquette; Carl F. Blank, Dayton; Fred A. Poertner, Berea; E. E. Williamson, Prairie Depot; Guy C. Pexton, Dayton; Carl D. Forney, Dayton; Louis M. Greif, West Park.

ILLINOIS—Arthur E. Lemieux, Chicago; Royal A. Stipes, Champaign; Earle S. Barker, Evanston; L. W. Niles, Bethany; Fred J. Rorig, Elgin.

COLORADO—F. W. Steele, Greeley; Chester Blunt, Greeley; J. W. Dillon, Greeley; C. W. Candlin, Eaton; Dr. A. W. Sweeney, Denver.

KANSAS—Mrs. A. J. Higgins, Effingham; Mrs. James Aiken, Severy; F. O. Sanders, Oswego; Wm. Scott, Abilene.

INDIANA—J. S. Niswander, Union City; J. Osborne Brink, LaPorte; Carl H. Spaeth, LaPorte.

NEW YORK—Dr. Frank P. Dorain, Yonkers; China Hanchett, Verona; Frank W. Silcock, Tuxedo Park; Marie H. Luce, Auburn.

KENTUCKY—P. M. Beard, Hardinsburg; William Jenkins, Lexington; R. A. Chiles, Mt. Sterling; E. C. Carneilison, Richmond.

PENNSYLVANIA—Joseph W. Lippincott, Philadelphia; A. W. Klinger, Klingertown; G. W. Weigel, Lock No. 3.

OREGON—J. F. Isom, Halsey; E. W. Barnum, Roseburg; Dr. A. E. Young, Eugene.

OKLAHOMA—John W. Duke, Guthrie; L. K. Meek, Mulhall; S. A. V. Howell, Oklahoma City.

NEBRASKA—Mrs. Henry Moseke, Lindsay; O. R. Hill, No. Loup; Chas. C. Johnson, Fremont.

WISCONSIN—Marie D. Pepper, Pewaukee; Chas. W. Prei, Waukesha; Mrs. J. W. Page, Elkhorn.

IOWA—J. W. Shearer, Algona; A. D. Murphy, Essex; H. B. Baasch, Davenport.

CALIFORNIA—Mrs. Elmer B. Martin, Downey; J. W. Fahrenkrog, Sebastopol; F. H. Green, Modesto.

MISSOURI—S. G. Magruder, Armstrong; L. P. McDonald, Moberly.

FLORIDA—Chas. Frances, Interlachen; C. B. Barton, Jacksonville.

RHODE ISLAND—Percy Johnson, Lakewood.

WASHINGTON—J. M. Hone, Spokane.

MASSACHUSETTS—Mrs. E. A. Handy, Barnstable.

VERMONT—John C. Holden, No. Clarendon.

MINNEAPOLIS—Mrs. F. C. Mitchell, Crookston.

IDAHO—Clyde L. Pittman, Coeur d'Alene.

TEXAS—J. F. Vermillion, Rusk.

NEW HAMPSHIRE—E. B. Saunders, Nashua.

VIRGINIA—E. C. Spain, Church Road.

SOUTH DAKOTA—B. N. Devine, Cresbard.

LOUISIANA—H. R. Strube, Shreveport.

NEW MEXICO—Mrs. A. J. Salas, Raton.

MICHIGAN—Dr. Frank V. Hale, Hudson.

## ABOUT EGG PROFITS

The above is the title of an interesting eight page folder, issued by the Pittsfield Poultry Farm Company, 276 Main St., Pittsfield, Maine. Probably no other poultry farm in the United States has given the subject of increased egg production deeper study or has spent as much time and money in establishing a strain of heavy layers.

From statistics gathered by the United States Department of Agriculture, we learn that the average production per hen for the entire country is about 70 eggs per year. This number is not sufficient to pay the hen's board, therefore if we are to make profit in the poultry business we must have a strain of fowls that will lay greatly in excess of this number. It has been conservatively stated that 90 eggs are the number required to pay the hen's board bill, in other words she must lay 90 eggs before she begins to return a profit. At this rate we should strive to produce stock that lay greatly in excess of this number. This is just what Pittsfield Poultry Farm have been striving for years to do, and they have established a strain of Barred Plymouth Rocks that is noted the country over for their great productiveness. A great many facts concerning their strain as layers is contained in the above mentioned folder which will be sent free together with copy of their book "Money Making Poultry", to all readers mentioning this paper when writing and addressing as above.

## QUALITY POULTRY FOODS

Readers of this publication that desire quality in their poultry foods should investigate the Blue Ribbon line manufactured by the Globe Elevator Co., 97 Kentucky St., Buffalo, N. Y. This Company specializes along this line and has a mammoth milling plant devoted exclusively to the manufacture of high grade poultry foods. They take a special pride in their Blue Ribbon Chick Food, and are prepared to quote prices, freight prepaid, to your nearest station in any quantity. Write them today for their free literature and ask for a quotation on their various feeds delivered at your station.

## ANCONAS

My birds are trapnetted and are producers and winners. Catalog showing eleven winners from Madison Square and Phiadelphia for 2c postage.

A. E. WOHLERT, R. 4, NARBERTH, PA.

## The Best Uat Sprouter on the Market

\$6 All Metal. No Lamps

B. Monroe Posten, Analomink, Pa.

## NORRIS S. C. BROWN LEGHORNS

Birds of Quality. First prize winners at Rochester, N. Y., A. lentown, Easton and Lebanon, Pa., and Morristown, N. J. Stock for sale. Now booking egg orders. Chas. J. Norris, Sub Station, Phillipsburg, N. J.

## GREEN BONE

for Hens. Best and cheapest ers making food. Cut it with improved Standard Bone Cutter. Handles bones in all conditions, cuts across the grain. 12 sizes, hand and power.

Send for Catalog  
STANDARD BONE CUTTER CO., MILFORD, MASS.

## Little Giant Stock Food Tonic

The Phosphorus-Food Is all medicine and food. No fillers used. Contains correct amount of phosphorus needed by all live-stock. Composition and analysis on every pall. 5 lb. tin \$2; 10 lb. \$4.50; 25 lb. \$8.

If your dealer cannot supply you, write us.

Little Giant Stock Food Co., Newark, N. J.

## Book on Dog Diseases

AND HOW TO FEED.



Mailed FREE to any address by the author.

H. CLAY GLOVER, D. V. S.

118 W. 31st Street, NEW YORK



ROSE AND BROWN AND SINGLE WHITE LEGHORNS

Over 43 prizes in MADISON SQUARE None Better, 27 Years Breeding W. W. KULP, Box 12, POTTSTOWN, PA

## EGGS EGGS EGGS

We will offer Eggs for the first time in 15 years, from our Boston, Baltimore and Hagerstown winners. All varieties Polish, Standard Games and Bantams, and Waterfowls \$3.00 and \$5.00 per 13. Stock for sale.

## SUNNY SIDE POULTRY FARMS,

Braun Bros., Props.,

R. D. No. 2,

SYRACUSE, N. Y.

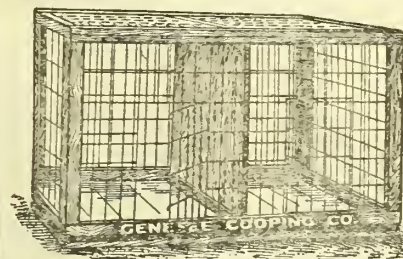
## GABRIEL'S "Raven Black" S. C. Black Minorcas

Winners at leading shows of Middle West. I have a large number of extra choice Cockerels from which to select you a male to head your breeding pen—"Raven Blacks" will add quality to your flock and dollars to your bank account. Write your wants. Now booking egg orders.

FRED C. GABRIEL,

Box W,

SOUTH BEND, IND.



## ATTENTION! SHOW SECRETARIES

Write for illustration showing Genesee System of all metal sanitary cooping.

Good second hand coops for sale.

Cooping shows on rental our specialty.

## GENESEE COOPING COMPANY

Geo. W. Webb, Mgr., ROCHESTER, N. Y.

SINGLE COMB BUFF LEGHORNS  
WHITE HOLLAND TURKEYS

The Leading New York Winners for the past five years. Royal strains of Poultry are well known. Choice stock always on hand. Illustrated Catalogue Free.

ROYAL FARMS,

Desk A,

INDIAN RUNNER DUCKS  
GREAT DANE DOGS

LITTLE SILVER, NEW JERSERY

\*\*\* Are you a beginner? If so you should have a copy of "Successful Poultry Keeping." Tells you how to succeed. One dollar the copy \*\*\*



## THE SUPREMACY OF THE PURE-BRED FOWL

By T. E. Quisenberry, Director,  
Missouri State Poultry Experiment Station,  
Mountain Grove, Missouri  
(Continued from page 343)

hens, that it will be necessary for us to do so by cross breeding. Some of the foreign birds which have been making great egg records look as if they might have been cross bred, but in spite of their belief and in spite of the evidence which we see in foreign birds of high laying strains, it must yet be proven that pure bred poultry can not be so selected and bred that it will not equal or surpass any record ever made or which is possible to be made by any scrub, mongrel or cross bred hen. The fact that we have made such wonderful progress from the days of the jungle fowl to the present moment with our many varieties of pure bred poultry, convinces me that proper methods and systems of selection and breeding of pure bred poultry will equal and outstrip anything that will be possible with scrubs or cross breeds. We believe that it is entirely possible to break the world's records and still stay wholly within pure bred lines, in fact, no scrubs or cross bred hen has yet approached the record of the venerable I. K. Felch's Light Brahma, a pure bred pullet which laid 313 eggs in one year and which fact was mentioned in his 1913 mating list. Mr. Felch is the father of the pure bred poultry business in this country, and no one dares dispute his veracity, I am sure. No cross breed has as yet equaled the record of this pure bred pullet.

The exceptional record which this Oregon hen has made, and the publicity to which such a record justly entitles her, can not fail to lead to a large amount of cross-breeding throughout the country. Ninety-nine one hundredths of it will be indiscriminate crossing, and as large a proportion of it will decrease rather than increase egg production. Crossing two pure bred varieties is the first step towards creating a mongrel. Take the second step, make the second cross, and continue, and,—behold your scrub! Yet that is exactly what

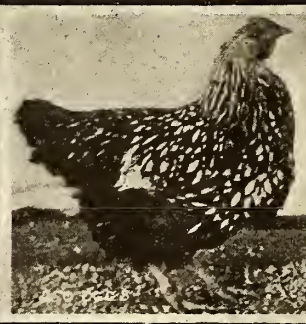
takes place in an overwhelming majority of cases, where the first cross is made. It is a practice which we, in Missouri, are combatting with all our energy, because it is costing our poultry raisers millions of dollars a year in profits.

### ADVANTAGE OF PURE BRED HENS

From the standpoint of profitable egg production, pure bred hens have another great advantage over their cross-bred half sisters and scrub cousins, namely that of uniformity of product. In selling eggs on a quality basis, a practice which is coming rapidly, a much higher price is paid for eggs which grade "firsts". They must be large, fresh, naturally clean, and uniform in size, shape and color. Eggs from cross breeds and mongrels are not uniform in size, shape or color, while those from pure bred hens are more nearly so as a rule. Neither are nearly as large a proportion of them large enough to grade "firsts". In view of these facts, it would seem to be a logical conclusion that for profitable egg production, the pure bred hen stands supreme.

### A COMMON ARGUMENT

Another argument commonly advanced as an excuse for crossing two varieties of pure bred poultry is that the crossing increases the constitutional vigor of the progeny,—in other words that pure bred poultry is deficient in constitutional vigor. The cause usually assigned for this deficiency in constitutional vigor is that breeders, in their efforts to breed their birds to the standard requirements of shape and color markings, have resorted to the practice of in-and-in breeding to such an extent as to materially impair the constitutional vigor of the offspring. While this may be true, and doubtless is, in certain strains of the various varieties, it is widely aside the mark to lay it down as a general rule. Scores of breeders of the various varieties are breeding strains as strong in constitutional vigor as could possibly be wished for. If one wishes to increase



L stands for layers. Every one of the above specimens have earned distinction and have been accorded championship honors for their performance in the second annual egg-laying contest held at Mountain Grove, Mo. Each individual is a pure-bred specimen of the variety she represents and is portrayed just as she appeared at the close of the contest. Who knows but what any one or more of the above hens may possess the ability to produce 300 eggs in one year, if just the right conditions were supplied. Over one hundred hens made an individual average of 225 eggs per hen in the above contest which goes to show that poultrymen are developing egg production as well as standard qualities.



the constitutional vigor of his flock, he can introduce new blood of the same variety which is no more related to his birds than though it was blood of another variety.

Even if cross breeding did increase egg production or did increase vitality, it would still be necessary for someone to breed pure bred poultry or else we could do no cross breeding. You have got to have your pure bred before you can get your cross bred. If you are going to encourage cross breeding and discourage pure breeds, then where will the fowls come from to do your cross breeding? Let's not drift back to the days of the razor back hog, the long horned Texas cow, and the dunghill hen. Let's stay by and encourage the Berkshire and the Poland China; the Jersey and the Hereford; the Plymouth Rock; the Leghorn, and other pure bred hens.

The whole idea of crossing two varieties to increase constitutional vigor is based on a fallacy. If I mate a bird whose constitutional vigor is forty per cent. perfect with one whose constitutional vigor is eighty per cent perfect, part of the chicks will have the forty per cent. constitutional vigor of one parent, part of them will have the eighty per cent. constitutional vigor of the other parent, but more of them will have sixty per cent. or the average of the constitutional vigor of the two parents. REGARDLESS OF WHETHER THE TWO PARENTS REPRESENT THE SAME OR DIFFERENT VARIETIES. If, as is argued, the pure bred varieties are deficient in constitutional vigor, there is absolutely nothing to be gained in crossing them. I have seen just as many chicks of poor vitality in mongrel flocks as I have in pure bred flocks. Haven't you? I have seen just as many chicks of low vitality in cross bred flocks as I have in pure bred flocks. Haven't you?

#### A PREFERENCE FOR PURE BRED FOWLS

Occasionally someone advances the argument that crossing the pure bred varieties produces a better market fowl. In order to ascertain the feeling of those who are in closest touch with the market poultry business in this regard, we last spring mailed out two hundred and fifty letters to as many poultry buyers, scattered throughout the state,—men who buy millions of dollars worth of market poultry every year, asking them which they preferred, mongrel chickens, cross bred, or pure bred for market purposes. The replies came back unanimously in favor of the pure bred. In fact there is so great a difference in the quality that many of these buyers are going to offer a premium of from two to four cents per pound on pure bred poultry, in addition to the current quotations during the coming season. They claim that they can sell the pure bred poultry for enough more on the city markets to warrant them in offering the farmers extra inducements to produce that kind. They claim pure bred fatten easier and dress up much nicer. These men know. There is no sentiment with them. It is a matter

of cold dollars and cents. Their verdict should be taken as final, and we seem to be justified in drawing the conclusion that for market purposes, the pure bred fowl is supreme.

Read the opinions of some of these firms:

"We are perhaps handling more poultry than any other one concern in the state, and we desire to put ourselves on record as being emphatically against what is commonly known as scrub poultry, and as being in favor of pure bred poultry.—Murray & Schmidt Produce Co., Sedalia."

"Pure bred stock of the heavy weights are worth much more and are very much more perfect than the cross breeds. Even if it were possible for the scrub to weigh as much as the pure bred, they do not have the character or quality to command the best price.—F. M. Stamper Company, Moberly."

"We intend to pay 2c per pound less for scrubby stock this year than for good grade, pure bred. We will make a heavy discount for small scabby stock.—Selby Poultry Company, Kirksville."

"Anyone who says there is no dif-



#### POULTRY CUTS

Our new catalog now ready; latest and best designs; all varieties; ask for it today.  
Chas. L. Stiles, Columbus, Ohio

## TAFT'S WHITE ORPINGTONS

Line bred imported stock from England's best breeders. Winners at Hagerstown and Greater Buffalo Shows. A few choice males and females for sale. Eggs for hatching from prize winning pens. Send for mating list.

TAFT'S ORPINGTON FARM,

COLLINS, N. Y.

C. & V.  
ELMWOOD  
POULTRY FARM  
214 May Avenue  
SYRACUSE, N. Y.

### "To The Plain Poultry Man or Woman"

SINGLE COMB  
R. I. REDS  
A SPECIALTY

If you wish a Pen of our Prize winning strain of Single Comb Rhode Island Reds, send us ten dollars (\$10.00) and we will ship them to you while they last upon approval, if not satisfactory return them, and your money back at once. Four pullets and one cockerel, March and April hatched. We know we have the best Strain, we wish you to have some of them. "Write quick."

Be sure that the incubator YOU buy has a  
**"Tycos" Incubator Thermometer**

The Thermometer is the heart of the incubator. Maintaining exactly the correct temperature, is the chief factor in bringing out big hatches of healthy, sturdy chicks.

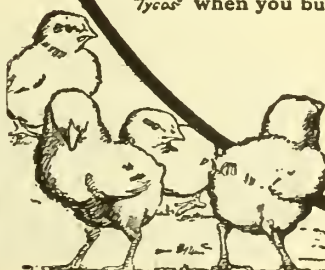
The best incubators always have "Tycos" Thermometers. Where an incubator manufacturer tries to save a few cents on the thermometer, beware of other inferior material he may use.

The Tycos Thermometer is the acknowledged standard for accuracy and reliability. Where you find a Tycos on an incubator, you may be pretty sure the entire machine is up to the standard. Look for the Tycos when you buy!

#### PRICES

Tycos Incubator Thermometer (Like Cut) . \$ .75  
Tycos Brooder Thermometer . . . . .75  
Tycos Incubator Hygrometer . . . . .1.00  
Tycos Certified Incubator Thermometer . . 1.00  
Tycos Electric Lighted Incubator Thermometer 2.50

Write for free booklet, "Thermometer Facts Worth Knowing."



**Taylor Instrument Companies,**

104 Ames Street  
ROCHESTER, N. Y.

## Bast's Houdans — America's Best

Highest Awards—Boston 1914, Madison Square Garden, Best Display—Philadelphia, Hagerstown, Allentown. Write your wants, prices reasonable. Eggs a specialty.  
W. F. BAST, PHILLIPSBURG, N. J.

## BUTTERCUP

EGGS Fertility Guaranteed. Loring (large egg) Strain. Circular free For Hatching. J. S. McBRIDE, BEVERLY, O.

FISHER'S S. C. W. LEGHORNS  
at N. Y. State Fair, Sept. 1913 won 2nd and 3rd pen; 5th hen. Now booking orders for Eggs and Baby Chicks for Spring Delivery. White and Fawn and White Indian Runner Ducks. Booklet Free.  
A. FISHER, R. No. 2, W. CANASTOTA, N. Y.

## PEN-Y-BRYN FARM

Breeders of Bred-to-Lay

WHITE WYANDOTTES

S. C. WHITE LEGHORNS

IMPERIAL PEKIN DUCKS

WHITE INDIAN RUNNER DUCKS

ROUEN DUCKS

Book your orders now for Hatching Eggs, Chicks and Ducklings.

Our Ducks were winners at Allentown, Hagerstown, Philadelphia and Baltimore Shows.

PEN-Y-BRYN FARM,

Box W,

AMBLER, PA.



ference as to the kind of poultry, pure breeds or scrubs, has certainly had very little experience in the live poultry business and none whatever in the dressed poultry business.—Carpenter and Shafer Co., Butler."

"Anyone who has had any experience in dressing poultry and handling their eggs knows that you get a better pack and larger eggs from well-bred stock than from scrubs. One spring we gave away pure-bred roosters to encourage them along this line.—Savannah Produce Company, Savannah."

These same dealers in poultry and eggs state that it is also true that careless and indiscriminate breeding of poultry, crossing and scrub breeding, encourages careless and indiscriminate methods of housing, feeding and care of poultry in practically every case. They state that it is a noticeable fact, that those farmers as a rule who have cross bred and scrub poultry also have scrub houses, and the poultry don't get much care and attention and the eggs are marketed in much poorer condition than the man who has pure bred poultry. The farmer as a rule who has pure bred poultry, feels a pride in his fowls, houses them well, feeds them properly and takes a pride in marketing clean, fresh eggs of high quality. These facts alone should induce us to encourage pure bred poultry, (not especially fancy poultry) and to discourage the breeding of scrubs and cross breeds.

The raising of pure bred poultry,

then, is not only justifiable, but is an economic necessity, regardless of whether one is in the business for the production of market eggs, or market poultry or both. But there is another viewpoint which we have not yet mentioned, a position in which the pure breeds are alone, therefore supreme. I refer to the tremendous industry which has been developed during recent years in eggs for hatching, baby chicks, and birds for exhibition and breeding purposes. In this branch of the industry there is a constant and increasing demand for good, strong, healthy, vigorous stock, bred and selected with a special view to improving the utility qualities. The net profits in a trade of this sort are greater than in any other branch of the industry. Yet the person, who, "because Father did", continues to raise scrub or cross bred poultry, is shut out from this profitable end of the business. Surely such a one must be short sighted indeed.

By breeding only pure bred poultry a farmer has eight avenues or outlets for the sale of stock and eggs, and for business, where with cross breeds or scrubs, he only has three outlets. The man who keeps a good breed of poultry can not only sell eggs on the market and stock for market, but he can also sell a few settings of eggs for hatching purposes, baby chicks for breeders, young stock for market and for breeders, or some few of the best for show purposes. With cross bred

poultry, all you can offer for sale is eggs for food and old and young stock for market. It costs no more to feed a good chicken than it does a dunghill. You can get a great deal more pleasure out of them, a great deal more profit, and after you once get a start, it costs no more to produce good poultry than it does a common scrub.

Last, but by no means least, there is the aesthetic side, the beauty side, of the supremacy of pure bred poultry. To the true lover of nature, the true fancier, this side overbalances all else. To understand nature's laws, and in the proper use of them, to bring new creations of beauty and symmetry into the world, is one of the rare joys of living. What can be more beautiful than a flock of pure bred poultry uniform in size, shape and color, dotting the greensward on a bright spring day? And when one stops to consider that there is more cold hard cash in raising this kind, surely 'tis enough to convert the most hard hearted.

A man paints on canvas the image of a perfect thing, and the world calls him an artist. The sculptor may chisel from cold marble a thing of perfect form, and he is written in history as a master. But the painter and sculptor, at their best, produce but dead symbols. They are mere heralds of beauty that exists in nature or in the refined imagination. What title shall fall to the lot of the man who delves into the hidden secrets of life itself, masters the laws of reproduc-

# **8 Buys 150 Egg \$8.50 And 150 Egg INCUBATOR BROODER**

Fortunate deals in buying raw materials, our modern factory methods and our direct-to-you plan enable us to cut the price to a fraction. It's the most remarkably low price we have ever been able to make ourselves or have ever heard

of elsewhere. The machine has the best regulator; dependable thermometer; strong, well-built egg-trays; all metal safety lamp with bowl stamped out of sheet steel; best lamp bracket; steel legs; best egg-tester. Write for this wonderful proposition on

## **The ROCKFORD INCUBATOR & BROODER**

**Incubator alone \$6. Metal Brooder \$3. Both Incubator & Brooder \$8.50**

**You could not ask for better quality—to pay more is needless**

It is heated with warm, pure air. Foul or impure air is carried off. No chance for lamp fumes to enter egg chamber. All parts are heated evenly. Side walls and top are made of 1-inch lumber and lined with heavy deadening felt, and again lined with half-inch lumber inside. Heat cannot get out—cold cannot get in—fuel is saved. The Brooder is water heated—fire-proof and weather-proof—easily handled.

**Order Today on Approval—  
Guarantee Protects You**

Don't let anything keep you from this remarkable proposition. The quality is so good—the guarantee so strong and the price too low to let anybody miss it. We guarantee the incubator to satisfy you in hatches and also guarantee the metal brooder to raise chicks to satisfy you or we return your money. Send us your order today or write us for further information.

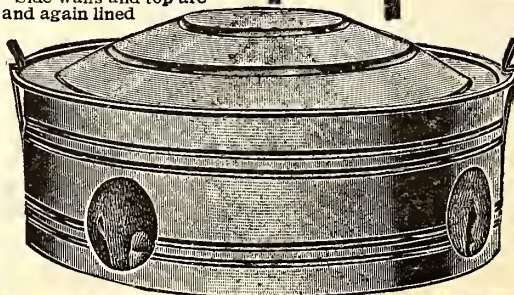
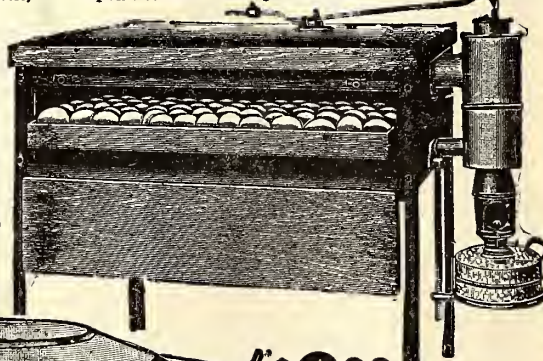
**The Rockford Incubator Co. Box 12 Rockford, Ill.**

## **Just Think of It!**

**Others Are Ordering Direct From This Advertisement**

**Why Don't You?**

Poultry raisers! Get in on this offer quickly. In all of our 26 years' experience we have never been able to make so astonishing an offer as this. Don't miss it. Here, we give you everything you could want in a reliable hatcher, at a low price that has heretofore been impossible. Bear in mind that this incubator is fully guaranteed—shipped ready to use—no extras to buy. We charge only for actual cost of material and labor with one small profit, and depend on enormous production.



**\$6.00**

**For This 150 Egg Incubator Money Back Guaranty**

It comes to you all set up (not in knock-down form). Just fasten legs and lamp bracket and start the hatch.

**\$3 For This 150-Chick BROODER**



tion and effects in flesh and bone, a perfect creature—a beautiful hen? Is not he who accomplishes a perfect living thing as truly a patron of art as a creator of inanimate images?

#### SAFETY FIRST

##### Ship Eggs and Chicks in Strong Compact Boxes

The safe delivery direct to private customers by Parcel Post of strictly fresh table eggs and eggs for hatching and of day old chicks by express is a problem every modern poultryman has to solve successfully before he can market these products to his best advantage.

Besides being strong—but light to save transportation charges—the shipping box should be neat and compact. Nothing creates so favorable an impression of quality as the way a shipment looks on arrival at its destination.

You know, yourself, that no matter how high in quality a consignment of eggs or baby chicks may be, if they reach you in a battered, dirty or cheap package, you instinctively feel that they are not up to your expectations. They do not satisfy—although the very same consignment, in a clean, strong and up-to-date package, would please you and make you feel that you had received your money's worth.

Ship your eggs and chicks in the most attractive package you can secure, and other things being equal, you will stand head and shoulders above your competitors. You will get more business and better business; your customers will come back with cash orders—not kicks and claims for damaged goods.

The Wright Shipping Boxes for table eggs, hatching eggs and day old

chicks have been designed by a practical poultryman, one who has for years been shipping these products, and who has given to the problem the experience and knowledge secured in this manner. Wright Boxes are built on principles of strength, convenience,



and simplicity that make them very successful for their purpose. They combine a high quality of material with the last word in detailed perfection of construction.

Mr. Wright, the inventor, is the superintendent of the Tywacana Farms Poultry Co., located at Farmingdale, Long Island. They use these boxes exclusively for shipping thousands of eggs and day old chicks each season. Mr. Wright has made some slight changes in the box for shipping eggs, but states that the baby chick box has been so satisfactory that no room for improvement can be found.

The Tywacana Poultry Farms Co. manufacture these boxes and have a very interesting little booklet which they will mail free to any poultry raiser. The Wright Boxes come "knocked down" flat, so occupy but very little space until ready to "set up"—which is a simple and quick job—and pack for shipping to your customers.

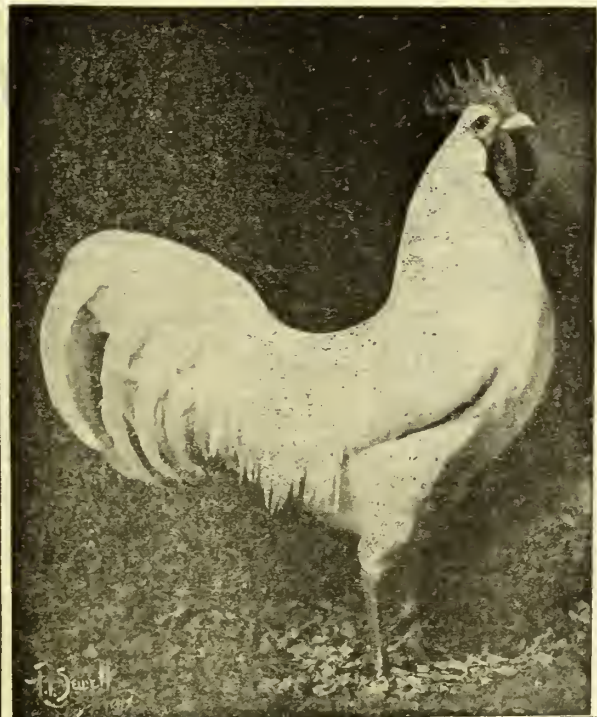
#### DEAN'S SILVER AND GOLDEN CAMPINES

The past show season has brought prominently to the front a new Campine breeder, and one who promises to make things interesting in the Campine world in the future. The breeder referred to is E. F. Dean, Williamsport, Pa. Mr. Dean met all comers at such shows as Madison Square Garden, Baltimore, Philadelphia and Boston, and succeeded in capturing his share of the prizes. Mr. Dean's plant consists of about five acres and it is so arranged that each pen has fresh running water at all times. His breeding houses are two in number and are 12x80 ft. in size, in addition to which there is a 14 ft. covered shed so that the birds may work inside or outside as they choose. Besides the above breeding houses there is a long laying house and several lesser buildings usually found on an up-to-date poultry plant. Mr. Dean bears a very enviable reputation in his home town and we believe that he will maintain the same standing with readers of this publication in all sections of the country who entrust him with their orders for eggs for hatching, exhibition and breeding stock. His advertisement appears elsewhere in this issue and all those interested in Golden and Silver Campines should refer to it before placing orders for stock or eggs of either variety.

#### ACME WHITE WYANDOTTES

Readers attention is directed to the advertising of J. Harry Wolsieffer, R. F. D. 5, Vineland, N. J. Mr. Wolsieffer is breeding the Acme Strain of White Wyandottes. He is offering eggs for hatching from trap nested stock bred for egg production and the show room. Interested persons should send for a copy of his advertising matter.

## Young's Strain S. C. White Leghorns



FIRST PRIZE COCK MADISON SQUARE GARDEN, NEW YORK, DEC. 19-23, 1911.  
BEST OF THE EIGHT FAMOUS COCKS WINNING 1, 2, 3, 4, 5, 6, 7, 8.  
BRED & OWNED BY D. W. YOUNG, MONROE, NEW YORK.

### I HAVE NO OTHER BREEDS

They are the standard for all the Leghorns of all America, and the greatest layers of all domestic fowls.

At the World's famous and Premier Show of America at MADISON SQUARE GARDEN, NEW YORK, for the past 13 consecutive years I have won best display and from three to five first prizes. Every bird being bred and raised by me.

Winings at MADISON SQUARE GARDEN, winter of 1913 were as follows:

### A STUPENDOUS VICTORY

COCKS—First, Second and Fourth; HENS—Second, Third and Fourth; COCKERELS—First, Third, Fourth and Fifth; PULLETS—Fifth; PENS—First.

Grove's trophy, value \$500.00. Elmhurst Sterling Silver Cup, value \$150.00. N. Y. State Cup, value \$50.00. N. S. C. W. Leghorn Club Medal for best cock, best cockerel, best pen and best display.

The Association \$10.00 Gold Special for best display and Grand A. P. A. Medal, value \$50.00, for best bird in the whole show, all varieties competing. This bird is the most superb specimen that has ever been produced of any variety. This achievement was made possible from a thorough knowledge and scientific practice of line breeding for over 35 years, and from a strain that has been bred by our family since 1855, making it the oldest strain of Leghorns in all the world. The male line never having been broken by adding new blood.

The Young Strain Characteristics follow through all my yards and my matings should be superior.

Watch the Show Reports throughout the United States and Canada and you will find that Young's strain predominates and wins the coveted prizes and lays the greatest number of eggs.

Hundreds of the Grandest Cockerels Ever Bred For Sale. Remember You Cannot Win Without My Strain. Mating List FREE. Address

**D. W. YOUNG, MONROE, N. Y.**



## PROGRESS IN COLOR AND TYPE OF THE WHITE ORPINGTON

By Maurice F. Delano

(Continued from page 341)

Great injury has been done, and is being done the variety today by some breeders who allow their enthusiasm to run away with their judgment and who word their advertising to allow the public to believe that the White Orpington is as white and remains as white as do the Rock and Wyandotte. This is true today of a few individuals, but of no flock in the world. All experienced breeders realize this fact and it is not fair to the beginner to lead them to believe otherwise. The White Orpington enjoyed one of the longest and best sustained booms ever enjoyed by any new variety introduced from abroad, and the so-called reaction of the last eighteen months was brought about mostly by mis-statements of fact by a few breeders. The wonderful utility quality possessed by the White Orpington will continue them what they are today, one of the six best sellers of all varieties, and, when careful and patient breeding has fixed the stay-white color, they will be the most dazzling white of all white varieties. The demand for stock and eggs is greater this year than it was last, and the public have accepted color conditions as they are, and now are delighted to help solve our problems and to vie with the big breeder to see who will first produce the stay-white flock.

It is with the greatest personal satisfaction that I can now say that I no longer dread the evolution of type in the hands of our American breeders. At one time, it looked as if the public would ruin the breed by their demand for short legged dumpy birds with extremely long feathering, the kind that will neither lay, nor reproduce the species. This demand came mostly from the mid-west where judges and breeders were not so familiar with the best English Orpingtons at first hand, also the demand for long backs, and low tails came from this section. This would tend to bring the Orpington to a type very close to the Plymouth Rocks. The new Standard, which will call for a rather short leg, instead of a short leg and which will retain present angle for tail carriage instead of lowering same as was proposed, will do more for the Orpington as a breed and for its future as a leading utility bird than any action that has previously been taken in its history. We have a distinctive body type that carries with it wonderful prepotency, why change it for the worse. The Cochin was a really good layer and a fine breed until the craze for length and looseness of feather put them out of the running. The Game was a useful breed, until the craze for reach placed our Modern Exhibition Game on stilts. I could go on and enumerate other fine varieties that have been greatly injured by fad breeding, and a few that are in the process of spoiling. This would serve no purpose excepting to show the Orping-

ton breeders how many bad boys there are in the group we are trying to prevent our Orpington from joining.

No breed in existence has a more attractive type than the Orpington, with its wide, long and deep body and its typical tilt forward. The best specimens are unusually full in breast and the entire breed averages fuller than does any other variety. In all varieties this is a shape section that is very hard to get as good as we all want it. It seems to be nature to give the fullest breasts on the Orpingtons that have rather narrow tails and when we get the broad back and well spread tail we all try for, extremely full breasts are not plentiful. Great improvement has been made in average type, long legs, narrow pinched tails, high tails and birds approaching the Plymouth Rock, Wyandotte and even the Leghorn in type are becoming rarer and rarer, while our best specimens are close to perfection.

I have never known a person who has tried the White Orpington to condemn it as a layer, as a hardy chick that lives and grows, nor as a wonderful table bird at all ages. These are the basic qualities that make the permanent success of any variety, and the beautiful type and the stay-white color that is nearly here will help retain the variety in its present leading position.

\*\*\* Your favorite magazines at reduced prices in our Clubbing Catalogue. Send for copy today \*\*\*

\*\*\* Get a copy of the corrected Standard. We supply it—send your order now \*\*\*



## 1913 Catalogue Free

Illustrates and gives prices; 45 varieties land and water fowls and eggs. Send your address on postal card to

**S. A. HUMMEL**

Box 80,

FREEPORT, ILL.

THE FAVORITE



Six Sizes

## LEG BANDS

With Raised Figures

Made from Aluminum, strong, durable, smooth edges.

THE CAPITAL



PRICES, EITHER KIND:

12 for 15c. 25-25c. 50-40c. 100-65c.

**CHAS. L. STILES,**  
232 N. 3rd. St. Columbus, Ohio

## WARSAW COOPING CO.



Manufacturers of Exhibition Poultry and Pigeon Coops of latest improved design. We make a specialty of cooping Poultry Shows, at reasonable prices. Write for particulars.

WARSAW COOPING CO., WARSAW, N. Y.

## MAGENTA POULTRY FARM

Established 1898

Eggs for hatching by settings or hundreds. Rhode Island Reds, single and rose comb. My matings for 1914 are the best I ever mated, containing winners from the leading shows of New York, Connecticut, Vermont, Massachusetts and Virginia. Free circular.

**F. E. WOODARD, Box W, EAST LONGMEADOW, MASS.**

## SINGLE COMB WHITE LEGHORNS EXCLUSIVELY

**D. W. YOUNG'S STRAIN**

The finest in the World. Bred for their great winter laying qualities. Milk fed. Over 2,000 layers on free farm range. Largest plant of high class breeders in the world at farmers prices. Eggs for hatching now ready in any quantity @ \$6.00 per 100, no order too large. Baby Chicks \$12 per 100, capacity 6,000 Weekly. Now booking orders for March and April delivery. My book "Profits in Poultry Keeping Solved" shows where the money is—price \$1.00, 5th edition. Given free with all \$10.00 orders. Satisfaction guaranteed.

Descriptive Circulars Free.

**EDGAR BRIGGS, Box 31, PLEASANT VALLEY, N. Y.**



## Baby Chicks, Eggs for Hatching, Breeding Stock

"Tywacana Quality" means heavy laying ability combined with fine marketing qualities and "Standard of Perfection" requirements. Improve your flock or start anew with some hardy and vigorous day-old chicks, breeding stock or eggs for hatching from

**TYWACANA White Leghorns, Barred and White Plymouth Rocks**

Book your order now for eggs or day-old chicks, as the demand for "Tywacana Strain" stock is increasing each season. Tywacana Baby Chicks and Eggs are shipped in strong, light, safe and sanitary boxes especially designed to save transportation charges and insure protection of chicks or eggs during long shipments.

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**TYWACANA FARMS POULTRY CO.**

A. E. Wright, Supt. Box 60 Farmingdale, L. I., N. Y.





## THE PRACTICAL POULTRY- 'MAN AS A DOCTOR AND SURGEON OF AVIAN DISEASES

By C. L. Opperman

(Continued from page 353)

the entire room with sunlight and so arranged that ample ventilation can be provided without direct drafts of air striking the inmates. Absolute cleanliness and sanitation are of the most vital importance in fighting disease and especially so in reference to the hospital building, and to obtain this desideratum, calls for the liberal use of disinfectants and regular removal of excrement, dirt litter and filth of all kinds.

When disease breaks out, the poultry houses, yards and all other equipment must be thoroughly cleansed and disinfected at once. The mere maintenance of a sanitary hospital without proper attention to the remainder of the plant, will be of little avail in checking the ravages of the disease. The fact that a certain disease has made its appearance in the flock is instant proof that the germs or organism causing the trouble, have invaded the premises and it is the immediate elimination of these that is of the utmost importance. For general disinfecting purposes in connection with all common diseases, the following solutions will be found efficient:

1—Hot whitewash made from freshly slaked lime and strengthened by the addition of one-half pound of crude carbolic acid to every gallon of material.

2—Cresol solution made by incorporating one quart of cresol to forty or fifty quarts of water (one of the best.)

3—Similar to No. 2 except that crude carbolic acid is substituted for the cresol.

4—Any of the good commercial preparations now on the market.

### CHICK DISEASES

**White Diarrhea**—The disease is caused by a specific organism scientifically known as *Bacterium Pullorum*, which invades the ovaries of the mother hen, and is thus transmitted through the egg to the new born chick. The disease is also communicated from chick to chick by means of the organisms present in the droppings which contaminate the food and water.

The symptoms of the disease are almost invariably manifested during the first few days of the chick's life and after the first week, observation

has shown that they are usually insusceptible. As with most other chick diseases, the affected individuals appear listless, stupid and sleepy and quickly lose appetite. The feathers become ruffled, the wings droop and the characteristic Diarrheal condition appears. The excrement is sticky in nature and of a whitish or creamy color. As the disease progresses the chicks huddle continually and give utterances to a peculiar chirp quite different from the ordinary cry of the healthy chick. The chicks continue to get weaker and death soon results.

There is practically no successful medical treatment of the malady with the exception of the liberal use of sour milk from the start, which appears to hold the disease in check. Once the breeding stock has become infected, they must be disposed of and a new start made. The application of the natural methods of prevention cited in the forepart of the article will work wonders in eliminating this trouble.

**Brooder Pneumonia**—Concerning the cause of this disease little is known except that the inflammation of the lungs is brought about by the growth of *aspergillus fungus* in the minor air tubes and in the lung tissue. The symptoms are quite similar to those accompanying "White Diarrhea" and so far as is known there is no

treatment aside from usual preventive measures.

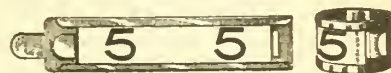
**Anemic Condition of Chicks**—This is not a specific disease, but is usually caused by haphazard methods of management. The symptoms are

## 100 STRAWBERRY PLANTS \$18

Michigan grown, hardy and healthy. A most delicious fruit. Occupies but little space. Wonderfully profitable. 25 of each variety: August Luther, extra early; Baldwin's Pride of Michigan, medium early; Gibson, medium late; Aroma, the best, extra late. You will have strawberries the season through. Sent postpaid. The best selection for the home garden. With every order for \$1.00 we include a subscription to **GOOD POULTRY** a quarterly magazine, devoted to special crops and intensive farming, with special attention to the care and handling of poultry. Tells how to make \$200 per acre per year on any farm from 5 to 100 acres. **Good Poultry** alone, 10c a copy; 25c a year. Poultry and fruit go well together. Order now, write tonight for bargain Fruit List, B. Also bargains in fall bearing strawberries.

SHOREWOOD FARMS CO., Saugatuck, Mich.

## Bourne "Bignum" Poultry Band



PATENT APPLIED FOR

Send two 1 cent United States stamps for sample and trial offer. Large numbers showing ten feet away. First to use numbers you can see. Best band out. Sizes for Bantams, Leghorns, Rocks and Reds. Black numbers from 1 to 100 indelibly printed on white, red, cherry, green, yellow, pink and light blue celluloid. Withstands weather and water. State size, color and numbers wanted.

BOURNE MANUFACTURING CO.,  
216 Howard St., Dept. W. MELROSE, MASS.

## SAND'S SINGLE COMB WHITE LEGHORNS

are recognized by all who have tried them as peerless layers. Carefully bred for egg production they are unequalled for the foundation of a business flock. Put your plant on a paying basis by introducing this strain. Stock for sale at all times—Eggs and Baby Chicks in season.

LEROY E. SANDS,

Box W,

HAWLEY, PA.

## BUFF WYANDOTTES YOUNG STOCK FOR SALE UTILITY AND FANCY

We won A. P. A. Grand Prize Medal for Best in American class at last New York, Palace Show, THEODORE S. HEWKE, MIDDLETOWN, N. Y.

## S. C. REDS

Winners for years at Philadelphia, also Hagerstown, Camden, N. J., etc. Stock for sale. Eggs \$2.00, \$5.00 and \$10.00 per setting. We make a specialty of selling Day Old Chicks from our matings. Best Pens A and B chicks \$1.00 each. Pens 1 and 2 chicks 50 cents each. Others \$18.00 per 100.

J. H. CROSSLEY & SON,

P. O. Box 77,

MAGNOLIA, N. J.

## BEAN'S COLUMBIAN ROCKS WIN



### CHAMPIONS EVERYWHERE

Buffalo Show, November 24-29, 1913—1-2-3-4 cock, 1-2-3-4 hen, 1-3 cockerel, 1-2 pullet, 1 pen.

Palace Show, December 2-6, 1912—1-4 cock, 1-2-4 hen, 1-3 cockerel, 5 pullet, 1 pen.

Columbian Rocks are "Comers" everybody is pleased with them. They are quick growers, grand winter layers and very hardy. I can furnish your requirements in exhibition birds or breeding stock at prices that will astonish you. Write for descriptive circular. Am now booking eggs from the best matings in America.

F. G. BEAN,

COLLEGEVILLE, PENNA.

## GRAND DISPLAY CHAMPIONS

MADISON SQUARE GARDEN, December, 1913, 1-3 Pen, 1-2-4 Cock, 2 Hen, 1-3-4 Cockerel, 1-4-5 Pullet\* 54 points against 42 to all others combined. BOSTON, MASS., January, 1913, 1 Pen, 1-2 Cock, 1-3 Hen, 1-2 Cockerel, 2-3 Pullet\* Challenge Championship Cup on both Male and Female.

## WOODCREST PARTRIDGE WYANDOTTES

Have won every male first prize for two successive seasons under seven of the best known judges in the World. Do you want the blood thus proven supreme in breeding birds and eggs for hatching.

CHAS. H. WOOD,

340 Main Street,

WORCESTER, MASS.



mainly, dirty, ruffled plumage, drooping wings and a wasting away of the flesh in all parts of the body and especially around the breast bone. The treatment required is regular attention, clean brooders, pure water and food, steady temperature and good grass range.

**Leg Weakness**—Leg weakness in chicks is usually caused by the absence of sufficient ash or bone forming material in the ration, confining the chicks to board floors and faulty heating of the brooders. The main symptoms is the loss of the use of the legs. The treatment consists of a liberal supply of finely ground bone, good range and a general tightening up in the methods of management.

**Gapes**—This well known disease is caused by a small red worm, also sometimes called forked worm, which attaches itself to the windpipe of the chick and sets up an irritation that greatly increases the secretion of mucous thereby causing difficulty in breathing and the affected chick frequently is seen gasping for breath. The life history of the worm is not definitely known, but it is thought by some authorities that part of its cycle is passed in the body of the earth worms and slugs. The eggs developed by the females are either coughed up by the chick or swallowed and voided in the excrement and the infestation is quickly spread in this manner.

The symptoms are very characteristic and well known by practically all poultry keepers. They are manifested by coughing, sneezing and the frequent shaking and twisting of the neck while gasping for breath.

The only treatment is, of course, the removal of the worms and for this purpose, twisted horse hair, feathers and commercial gape removers are employed. The instrument used is first moistened in coal oil or turpentine and then inserted in the windpipe and twisted several times and removed with the worms either whole or in part attached to it. Such treatment may often prove beneficial, but the actual elimination of the parasites calls for the removal of the chicks to uninfested range and the practice of better cultural methods.

#### FOWL DISEASES

**Simple Colds and Catarrh**—These complaints are very common and are for the most part caused by undue exposure to cold and dampness or to drafty houses. Fowls which are shipped long distances and exhibited at the poultry shows are quite liable to be affected in this way because of the constant exposure they are subjected to.

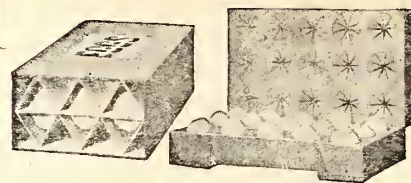
Both diseases are very easily recognized as the symptoms are quite conspicuous. The characteristic sneeze or cough soon makes its appearance on account of the obstruction in the nasal passages caused by the thickened mucous membrane. Following this, discharge from the eyes is frequently noticed. This at first is thin and watery but later becomes thick and sticky and may completely glue the eyelids together.

In treating the disease a judicious use of stimulating foods is often beneficial. The eyes, mouth and nostrils should be washed out two or three times daily with a solution made by

mixing fifteen grains of boric acid to an ounce of water.

**Roup or Contagious Catarrh**—There is little doubt in the mind of the writer but that roup is a contagious disease, even though there has always been more or less controversy over this matter among investigators. Up to the present time scientists have been unable to determine the nature of the microbe which constitutes the virus. It is thought that contagion occurs through the introduction of outside stock, contact with infected birds in the show room, and such other agencies as wild birds and pigeons which are free to fly from place to place.

## Buy Diamond Egg Carriers



It is a fact and not a boast that eggs get the maximum protection in the Diamond Egg Carriers. Order today. Sample 25c. 15 egg size, doz. \$1.50, \$11.00 per hundred. Parcel post boxes all sizes, 1 to 12 dozen. Poultry Supplies.

DIAMOND BOX MANUFACTURING CO.

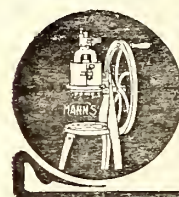
Room 362, 219 North 2nd Street, MINNEAPOLIS, MINN

## MERIHUEW'S BUFF LEGHORNS

The 20th Century Egg Producers. Make another great win at Madison Square Garden, Dec, 1913. Utility Breeders, Show Birds and Eggs for sale. Write for mating list then be your own judge who has the best.

L. E. MERIHUEW.

MARATHON, N. Y.



## Make Your Hens Lay

You can double your egg yield by feeding fresh-cut, raw bone. It contains over four times as much egg-making material as grain and takes the place of bugs and worms in fowls' diet. That's why it gives more eggs—greater fertility, stronger chicks, larger fowls.

### MANN'S LATEST MODEL BONE CUTTER

Cuts easily and rapidly all large and small bones with adhering meat and gristle. Automatically adapts to your strength. Never clogs. Sent on 10 Days' Free Trial. No money down. Send for our free books today.

F. W. MANN CO.

Box 355

MILFORD, MASS.



## KLINGBEIL PARTRIDGE ROCKS

### The Great Fancy and Utility Strain

Winners at New York, Boston, Providence and other leading shows. They have the show record as well as the quality record. Bred in line for greatest value. Eggs for hatching from special mated pens \$5.00 per 15. from run of flock \$3.00 per 5, also Baby Chicks. Some very fine breeding Pens and Cockerels for sale. I can please you. Write for mating list.

### PLEASANT VIEW FRUIT AND POULTRY FARM

PAUL KLINGBEIL, Prop., Sec'y and Treas. Partridge Plymouth Rock Club, WALPOLE, MASS.

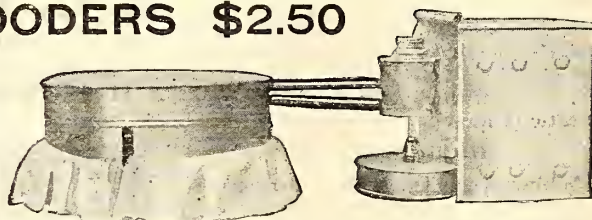
## \$2.50 BROODERS \$2.50

THIS BROODER WILL TAKE

CARE OF 30 TO 50 CHICKS

IT IS MADE ENTIRELY OF

METAL.



Has stood the test for 2 years. Thousands in use. Can be put in any box or coop in 10 minutes.

### A PERFECT HOT WATER SYSTEM THAT NEVER FAILS

hot water tank above chicks that warms a flannel that lays on the chicks backs. Heat applied by contact.

### GET OUR BOOK ITS FREE

Describing this brooder and larger sizes we make along with some 53 different articles we make for the busy poultryman, Non-Freezing Fountains, Feeders and Oat Sprouters and everything else that the Poultryman wants.

WENDELL INCUBATOR CO.,

56 MAIN STREET,

HOLLY, MICH.

## MONMOUTH FARMS

### S. C. White and Buff Leghorns

#### Eggs for Hatching

Our 1914 matings of Monmouth Prize winners are producing eggs from which some wonderful leghorns will be hatched. Place your order now for one or more settings. Orders for eggs from our "20th Century Dual Purpose" matings accepted for 100 and 1000 lots. 85 per cent fertility guaranteed.

#### Baby Chicks

We ship lively and hardy day-old chicks any reasonable distance. Orders for delivery from February 1st to July 1st. See our mating list.

#### Breeding Stock—Prize Winners

Choice Leghorn Breeders and Exhibition birds for sale. Look up Monmouth Farms' Show record.

#### Write for Free Catalog

New catalog gives full description of winnings, matings, etc. Contains a beautiful color-plate insert. Write today for a copy—free.

### "The Twentieth Century Dual Purpose Fowl"

#### Monmouth Farms

J. C. Punderford, Owner  
Thos. Lockwood, Supt.

Box 82, Freneau, Mon. Co., N.J.



The initial symptoms are very much like those of simple catarrh and the watery secretion from the eye is inclined to be frothy. As the disease develops the inflammation spreads rapidly until the eyes, nostrils and throat of the birds are affected. The nostrils are filled with a thick mucous and the sacs beneath the eyes are distended and filled with a thick similar secretion. In severe cases both eyes will be swollen shut and the nostrils clogged. The birds have great difficulty in eating and are forced to breathe through the mouth which causes the rattling, wheezing sounds so often noticed.

Treatment consists of first carefully bathing all affected parts with a warm solution of one teaspoonful of salt to the quart of water. If the swelling under the eyes is prominent it should be carefully opened with a sharp knife and the secretion removed. The wound should then be washed carefully with the solution and dusted with iodoform. In case surgical treatment is not deemed necessary, splendid results will follow the use of argyrol. For this purpose use a few drops of fifteen per cent. solution and introduce it between the eyelids two or three times daily for about a week. All affected parts should be washed or sprayed daily with some good antiseptic solution such as permanganate of potash, one dram to a quart of water; peroxide of hydrogen, one ounce to three ounces of water; or boric acid, one ounce to the quart of water.

Chicken Pox—This disease is also of a contagious nature and the virus very resistant, yielding only to the most thorough disinfection.

The disease is characterized by the appearance about the head and its appendages of an eruption of small round or irregular nodules varying in size from a pinhead to a pea. At first the nodules are reddish gray and present a shiny surface, but as they enlarge the color changes to a brownish tinge and the surface dries and becomes uneven and warty in appearance. In mild cases the nodules soon dry up and heal and the crusts fall off accompanied by rapid recovery.

The use of softening ointments such as glycerine, carbolated vaseline or oil, is very beneficial in softening the nodules. A few hours after the application the eruptive area should be washed with warm soapy water so as to remove the scabs. The exposed tissue is then treated with some antiseptic mixture, such as a two per cent. solution of creolin or tincture of iodine.

Intestinal Worms—Practically all species of fowls are more or less susceptible to the invasion of the various kinds of worms, the two most common species being the round worm and the tapeworm. It is rather difficult to diagnose the trouble until it has reached an advanced stage, since the only definite symptom is a wasting away of the flesh. Thin, anemic birds

which die or are killed should be opened and examined for worms.

The writer, in making a study of intestinal worms, found that oil of turpentine and Epsom salts were splendid remedies for eliminating the parasites. The birds to be treated are kept off feed for several hours and then given a dose of oil of turpentine by means of a rubber catheter inserted through the mouth into the crop. About three hours after this treatment a warm mash containing forty grains of Epsom salts to each bird is prepared and given. If desirable castor oil may be used in place of turpentine.

Corns and Bumble Foot—These troubles arise from bruises caused by jumping from high perches and from the use of small narrow roosts which cause the fowls to grasp tightly in order to maintain their position.

The correction of the conditions causing the troubles is of course the first step in treatment. The corns should be pared off exercising care not to cut to the quick, and then painted with iodine or treated with boric acid ointment made by mixing one part of acid with five parts of vaseline. In severe cases the feet should be soaked in warm water for thirty minutes twice a day and poulticed so as

to reduce the inflammation. If the swelling is soft, open with a sharp knife and use the healing remedies suggested above until the wound is healed.

Scaly Legs—This very common disease is caused by a mite and affects all common varieties of fowls. It occurs only by contagion with affected birds and spreads so slowly that many individuals constantly exposed to it entirely escape infection.

Treatment is not difficult and consists of washing and soaking the legs and feet in warm soapy water so that the scales may be loosened and removed. The denuded tissue is then smeared with carbolated vaseline.

Crop Bound—This trouble is easily recognized by the hard impacted condition of the crop and is usually caused by over-eating or by swallowing indigestible substances such as dry, tough grass, feathers, etc.

The simple treatment is to make an incision in the crop about an inch long and carefully remove the contents with a spoon or piece of bent wire. Wash the crop out with warm water and stitch up the wound with silk thread. The outer skin is then stitched together in a like manner, using a little antiseptic solution on the wound so as to avoid infection.

## CHAMPION R. C. BLACK MINORCAS

HAVE JUST WON AT THE

Great Mid-West Coliseum Show, Chicago, in competition with America's Best. Cock 1-4; Hen 1-4; Cockerel 2-3; Pullet 2-4; Pen Old 1; Pen Young 1. Out of 22 birds shown 15 were placed as winners, winning twice as many firsts as all exhibitors and four points more than all combined, are constant winners at New York, Scranton, Guelph, Toronto and Loudon. Eggs from National Champion matings \$3.00, \$5.00 and \$10.00 per setting.

ROSS SWARTOUT, Prop., Box D, NEWPORT, ONT., CANADA

## LIGHT BRAHMA CHAMPIONS

Our long list of victories at leading shows stamps our LIGHT BRAHMAS as the Champions. Our record includes 3 firsts, 3 thirds, 1 fourth. Club Cup best display; Brinley Cup best Cock, Hen, Cockerel, Pullet and Pen; Cup for best shaped female; best colored male, best colored female, and best cockerel in Asiatic class, 31 competing; Medal for best bird in Asiatic class, 133 competing; Medal for best pen in show, 120 pens competing. All at Club show, Philadelphia, 1912. At Madison Square Garden, Dec. 1912 - Jan. 1913 - 1, 2, 4 Cock; 1, 2, 3 Hen; 1, 3, 4, 5 Cockerel; 1, 3, 4, 5 Pullet; no pen shown, best display and all color and shape specials. At Boston 1913 - 1 pen, no singles entered. We have some of those dark pointed Cockerels that everyone is looking for, also some fine females for sale. Eggs from selected matings \$5 and \$10 per setting.

BALCH & BROWN, MANCHESTER, CONN.

## MILLER'S SPANISH

BETTER THAN THE BEST

Made a clean sweep at Cleveland Coliseum Show, December, 1913, winning all prizes competed for and A. P. A. Special for Best Male in Show.

FRANK MILLER, Box W, CRESTLINE, OHIO



MOORE BROS.

## S. C. WHITE LEGHORNS

By careful line breeding we have established a strain of White Leghorns in which both Standard and utility requirements are developed to the highest degree. Our record at the Greater Buffalo Show, Thanksgiving week 1913, is proof of quality. For complete winnings and illustrations of our winning males, send today for a copy of our 1914 catalogue, it's free. It also gives full description of our twelve selected matings, with prices of eggs from \$10 per 15 down to \$6 per 100. Day Old Chicks from \$1 each down to 15c each, \$12 per hundred. **Quality for Everybody.** Your name on a postal will bring catalogue by return mail.

MOORE BROS., Box W, MOSCOW, N. Y.

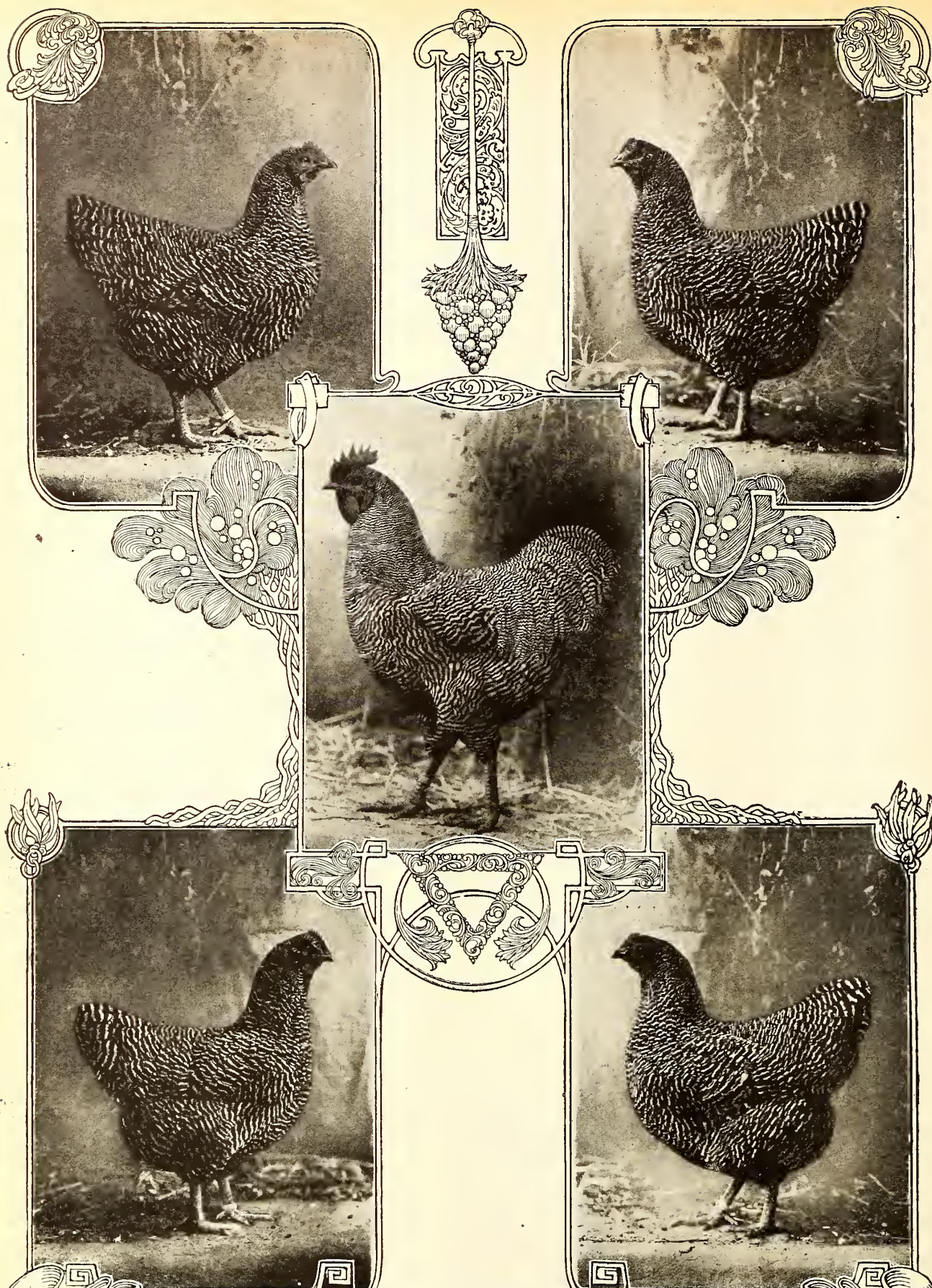
## DARK CORNISH GET THE COIN

DR. W. A. LOW, Importer and Breeder,

Low's "Ideal" Dark Cornish are winners and will win for you Choice exhibition cockerels and pullets, massive, low built, heavy boned birds. Fully matured and fit for keen competition. Write your wants.

CATONSVILLE, MD.





❖ BARRED PLYMOUTH ROCKS ❖  
 FIRST PRIZE WINNERS AT CHICAGO, DEC 1913  
 BRED AND OWNED BY H. C. HAWKINS, LANCASTER, MASS

A. C. Hawkins, Lancaster, Mass., is one of the oldest breeders of Barred Plymouth Rocks in the country today, having bred them for over thirty years, during which time he has been a frequent and successful exhibitor at such shows as Madison Square Garden, Boston and Chicago. His recent record at the great Chicago Coliseum Show, where he won 1-5 cock, 4 hen, 1-3 cockerel, 1 pullet, 1 pullet-bred cock, 1-3 pullet-bred cockerel, 2 pen, 2 pullet-bred pen and 1 cockerel-bred pen, demonstrates the quality of his "Royal Blue" strain and how well he has succeeded in keeping apace with Standard requirements. His new mating list is now ready and will be sent free to all interested in this grand old variety.



## ARE PENCILED VARIETIES DIFFICULT TO BREED?

By T. W. Harwood, Pembroke, N. H.

(Continued from page 345)

point to be gained by the breeder with birds of whatever under color he finds best calculated to turn the trick. Under color then, comes in only secondarily as a means to an end.

### SUGGESTIONS FOR COLOR BREEDING

The following matings for color are suggested and others are invited to try them and report results:

1—Dark females having wide penciling and dark undercolor, with a male having decidedly white undercolor, broken striping and some shafting in saddle and hackle feathers.

2—Light females having narrow line penciling lighter undercolor, possibly a little white under the throat as pullets, mated with a male with lead undercolor shading to white near the skin, good striping in saddle and hackle and a black breast, the true exhibition male.

3—Females of exhibition type, medium penciling and undercolor mated with a male intermediate in color between the two already described. Light undercolor, black breast, striping stronger than the first yet showing indications of penciling in saddle feathers.

4—From each of these matings good birds of both sexes may be produced. The first is the most uncertain, but seems the best way to mate females that have been regarded in the past as cockerel breeders and used with a dark male for that purpose.

The second is the surest for production of a large proportion of penciled females. The third should produce some cockerels fit both for show and pullet breeding also some good show pullets though probably less than mating No. 2.

It is highly important that the male used in No. 2 should have a solid black breast to counteract the tendency of light females to run light at the breast. White in breast can be well high eliminated by using black-breasted males, but they should have light undercolor.

The foregoing are matings for color only. Shape and head points have to be taken into account as in all other varieties.

Silvered Penciled Wyandottes do not call for inbreeding methods more than other varieties. Believers in inbreeding handle them in that way; others do not. Good results are obtained in both ways. The writer is working three strains in the endeavor to utilize the good points of each. Here are a few hints that may prove of value to beginners.

The male with dark slate undercolor and heavy black surface that has done so much winning in the past is of no use as a breeder. He will throw dark females with mossy feathers and males with brassy backs and brown wing bows.

The female with wide penciling, poor back and white in breast is a cull. The female with medium penciling, a good breast but poor saddle as

a pullet may show penciled feathers all over after moulting, so is not necessarily a cull. Properly mated she sometimes produces pullets better than herself. The best penciled female, showing well as a pullet, is the one from which to get your pullet breeding male.

Now it does not need extraordinary intelligence to hold in mind a few points like the above. The person incapable of making judicious selections along lines so simple is a person who will spoil the looks of any breed. His whites will become yellow; his blacks, full of purple barring and a breed like the R. I. Reds with careless breeding will lose color as quickly as any of the laced and penciled birds. There is no breed that will not run out and lost its beauty in the hands of a person who mates with any "rooster of the same breed he can get by swapping with his neighbors." Some knowledge and care are needed for all breeding. When we get fool-proof breeds, poultry-keeping will cease to be an art and lose all its fascination and interest. And just that amount of care and thought needed to produce good results in solid colored varieties

## Chamberlain's Setting Hen

\$5.75

Incubator and Brooder

Freight Paid East Rocky Mountains

Holds 26 Eggs

A Complete Incubator

Easy to Operate

You can always get fresh eggs enough to fill it.

The Baby Incubator



\$5.75

Incubator and Brooder

Equals Two Hens.

Always Ready to Set

Never leaves her nest. No Lice. No broken eggs.

## Chamberlain's Perfect Chick Feed

TRADE MARK



Has no Equal. No Corn. No Bowel Trouble. The Only Original Dry Chick Feed and the World's Standard.

"Lady Showyou," winner of the National Egg Laying Contest at Mountain Grove, Mo., with a record of 82 eggs in 82 days, and 281 in a year and recently sold for \$800, was raised on Chamberlain's Perfect Chick Feed.

We have agents all over the U. S., but if our agent is not near you we will deliver 100 lb. sack freight paid to your railroad station for \$3

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107-109 Olive St. Desk 3 St. Louis, Mo.



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Eggs in Season. Birds for Sale.

Mrs. L. C. Prideaux, Lindfield, Sussex, England



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Blue ribbon winners wherever shown. Big win at Philadelphia and Baltimore. Eggs from Exhibition pens \$5.00 per setting, other selected pens \$2.00. \$10.00 per 100. Satisfaction guaranteed.

JOHN SLADE,

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## J. W. ANDREWS America's Greatest Winning Strain Of WHITE WYANDOTTES

Continuous Winners at Boston for Sixteen Years

Won First Pen 1906, '07, '09, '10, '11, '13 — First Cockerel 1907, '10, '11, '12 — Second Cockerel 1897, '98, 1910, '11, '12, '13.

### EGGS FOR HATCHING

From 10 of the finest pens ever mated, that will produce next season's winners for you. Bred on true Wyandotte lines, that can lay eggs and win prizes. Send for Mating List

DIGHTON, Box W, MASSACHUSETTS



## 1913 PALACE CHAMPION BARRED ROCKS

The "best of all" prizes, **BEST DISPLAY** was awarded to **CANAVAN'S BARRED ROCKS** in the best class of this variety ever exhibited at the *New York City Palace Show*. My 1st prize cock was pronounced by experts to be a "star" specimen. He won the Club Special for best shaped male. A full list of my winnings will be furnished free to those who ask for it. I have a small surplus of choice stock, both exhibition and breeding birds, that have the correct blood-lines back of them to dispose of. They will go at low prices to quick buyers. **EGGS \$5.00 PER SETTING.**

P. CANAVAN, PHILMONT, N. Y.



of fowls will yield fully as much reward in pleasure and success with the beautiful penciled and laced varieties. The writer thinks, a little more.

I am aware that with some experienced poultrymen the advocacy of light undercolor in the Silver Penciled breeds is rank hearsy, is met by wise head shaking and warnings that we shall spoil everything. With me the conviction grows that the lightest undercolor with which it is possible to get the surface color is the best. It is the only safeguard against the objectionable brown. Now, if there are dangers along this line, will those who have had longer experience kindly tell us what they are, that we may avoid them?

#### THE IDEAL TRAP NEST

To acquire the greatest success in the poultry business, it is necessary that every hen produce eggs enough to not only pay her way, but also to pay a fair profit on the cost of production. In the majority of flocks in the country today there are a large number of non-producers and also a large percentage of mediocre layers. The first are an expense to their owner, while the second seldom produce more than enough eggs to pay their keep. The progressive way of poultry keeping would be to eliminate these two classes from your flock and keep only those that were known to be profit paying. There is a way of attaining this point, and that is by installing first class trap nests in all your pens. A great many hesitate to do this, fearing that the cost of installation would be too great. Those who have looked at the matter in this light have probably not taken the pains to investigate the cost of such an equipment and it is our suggestion that they secure immediately the 1914 circular and price list of the Ideal Trap Nest, manufactured and sold only by F. O. Wellcome, Box W, Yarmouth, Maine.

#### WHAT'S THE REAL TEMPERATURE

When you take the downy chicks from the incubator you, perhaps, begin to count on the fine flock of mature

fowls you'll have next fall. But hatching the chicks is really the easiest part. Raising the youngsters by artificial heat in brooders has often proved a rather hard problem because the heaters sometimes furnished too much or too little heat for the chicks.

If it's too hot in the brooder, your chicks suffer, smother and become weakened—if too cool they become chilled and crowd together in a heap, trampling and suffocating many. The survivors will be sure to contract colds and be subject to bowel trouble. However, if the temperature in the brooder is kept just right at all times, your chicks will be happy and healthy and grow to maturity in the pink of condition. But if the brooder thermometer is inaccurate, how can you regulate the heat correctly? An accurate thermometer, then, is a very important factor in the successful rearing of chicks.

"Tycos" Thermometers are absolutely accurate and dependable and have proved their worth during years of careful testing by the best incubator and brooder manufacturers, as well as experienced poultrymen everywhere. They have saved the life of many chicks by giving an immediate warning of the slightest changes in temperature.

"Tycos" Brooder Thermometers are made with great care. After filling, each one is "aged" and then "pointed" to ascertain its absolutely correct individual scale. A "Tycos" Thermometer does not leave the factory of the Taylor Instrument Companies, at Rochester, N. Y., unless it passes a final test of 100 per cent. accuracy. All this care in

manufacturing costs time and money, but it is absolutely essential to make a high grade thermometer. "Tycos" Brooder Thermometers are much better than ordinary ones, because nothing has been neglected to make them accurate and dependable as long as they remain unbroken.

When buying a brooder or incubator, insist on "Tycos" Thermometers and you will eliminate most of the causes of failure in hatching and rearing sturdy chicks. The Taylor Instrument Companies, Rochester, N. Y., have an instructive little booklet, "Thermometer Facts Worth Knowing", which will be mailed free to readers of this publication. We suggest that you write today for a copy of this booklet.

#### PEERCE'S WHITE RUNNERS

Few varieties of poultry have made such a rapid bid for popularity as the White Runner Ducks. It is said that they possess all the strong points of their Fawn and White sisters, in addition they have pure white plumage, a point that will recommend them to a great many breeders. Among those who have been unusually successful with this variety is W. E. Pearce, Glen Arm, Md. Mr. Pearce specializes in White Runners and has made a very enviable show record at such prominent shows as Philadelphia, Hagerstown, Baltimore, Allentown, Madison Square Garden. His advertisement will be found elsewhere in this issue and he will be glad to hear from all readers of this publication who are interested in this popular variety of waterfowl. When writing kindly mention AMERICAN POULTRY WORLD.



#### TRUE RUNNER DUCKS - ENGLISH PENCILED

At Buffalo International Show 1914, I won 1st drake, 1st young drake, 1st and 2nd duck, also won 1st on eggs at Cornell 1914. Baby ducklings and hatching eggs from my prize winners, also prolific utility stock.

*Prices reasonable. Catalogue free.*

SIDNEY A. WOODCOCK, Box 52, FREDONIA, N. Y.

# HARVARD REDS WIN

*At New York (Madison Square Garden) and at Boston*

## THE EASTERN TROPHY CUP

of the RHODE ISLAND RED CLUB OF AMERICA, the most coveted cup for best display of BOTH COMBS, the CHAMPIONSHIP CUP for BEST MALE OF EITHER COMB, and TWO OTHER BEST DISPLAY SPECIALS.

THIS GREAT WINNING at America's Two Premier Shows, which includes FIVE FIRST PRIZES, FOUR SECONDS, EIGHT SHAPE AND COLOR SPECIALS and TWENTY-FIVE OTHER RIBBONS.

**Definitely Establishes the UNITED BREEDERS' Claim of**

## "THE WORLDS' BEST RHODE ISLAND REDS"

HUNDREDS OF GOOD BREEDING BIRDS OF BOTH COMBS, \$5 TO \$15 EACH, BREEDERS WITH EXHIBITION QUALITY, \$20 UP.

**WRITE AT ONCE FOR BOOKLET, "THE FIRST CO-OPERATIVE ORGANIZATION OF POULTRY FANCIERS"**

LEARN How we RE-PURCHASE anything originating with us, WHEN YOU NO LONGER WANT IT; How we sell EGGS FOR HATCHING and INSURE YOU AGAINST DISAPPOINTMENT OR LOSS. MATING LIST NOW READY—ASK FOR IT.

**UNITED BREEDERS, Inc., 334 Pond St., South Braintree, Mass.**

Address all Correspondence, and make all Remittances payable, to THE COMPANY, Not to Individuals.



## THE POULTRY CLASSES AT BOSTON, 1914

By William C. Denny

(Continued from page 355)

fine collection of birds.

Geo. H. Underhill of Fort Ann, N. Y., was another exhibitor of this variety, who has been successful in winning premier honors at leading eastern shows. Mr. Underhill is one of the breeders who has been striving to produce type that would restore the Brahmas in popular favor as a general purpose fowl. The birds in his entry at Boston possessed splendid Brahma characteristics and good color markings.

F. M. Prescott, proprietor of Riverdale Farms, Riverdale, N. J., was present throughout show week. At the Philadelphia show in a class of about 50 birds, with ten entries, Mr. Prescott's entries won as follows: 2nd and 5th cock, 4th hen, 1st, 2nd and 3rd cockerel, 2nd and 4th pullet, 1st pen; cup for best pen, cup for best cockerel, gold special for best display, special for best three cockerels. At Madison Square Garden, just previous to the Boston show, in a class of 54 birds, on four entries he won 2nd cock, 2nd cockerel and 3rd hen. Mr. Prescott was elected chairman of the Executive Committee at a meeting of the Light Brahma Club. He announced that a determined effort would be put forth during the year to double the club membership. Every breeder of Brahmas is invited to become a member. Information can be had by addressing Mr. Prescott.

**DARK BRAHMAS:**—4 cocks, 8 hens, 10 cockerels, 6 pullets. Not a large class as classes go, but good size for this variety. The exhibitors included the most prominent breeders of this variety in the country.

**BUFF BRAHMAS:**—Only six birds. L. M. Hallenbeck of Greendale, N. Y., originator of the variety won three of the four firsts, also 2nd on cockerel. Buff Brahmas are not a solid colored bird as many might think. They have the same color markings as the Light Brahmas, the difference is that Buff color takes the place of white.

### COCHINS

**BUFF COCHINS:**—6 cocks, 7 hens, 6 cockerels, 6 pullets, 2 pens. Geo. W. Weed, judge.

Oakland Farm of Taunton, Mass., had an exhibit of 30 birds at Boston and their string did not include any of their New York exhibit. This same strain has been line bred for twenty-five years. The present type of a Cochin is larger than the birds shown ten to fifteen years ago, being higher on leg with longer body and fluff feathering and they are better filled in between the legs. In this respect the feathering absolutely fills in the space between. Color is improved wonderfully, the deep color that formerly prevailed, having been softened into a rich golden buff. In talking with Samuel H. Roberts, former secretary

of the Boston show, who for a number of years has been in business with Sharp Bros., owners of Oakland Farms, Mr. Roberts said that about 300 birds are raised each year and that they have for disposal surplus males and females.

**PARTRIDGE COCHINS:**—9 cocks, 10 hens, 11 cockerels, 7 pullets, 1 pen. Geo. W. Weed, judge. It was the best quality class of this variety that has been shown this season. However, the birds did not seem to be as large as the Partridge Cochins that we have seen in years gone by.

**BLACK COCHINS:**—Only six birds shown and these of only ordinary quality.

**WHITE COCHINS:**—1 cock, 4 hens, 1 cockerel, 4 pullets, 1 pen. All shown by one exhibitor. The quality of the birds shown was better than the average.

### LANGSHANS

**BLACK LANGSHANS:**—9 cocks, 16 hens, 19 cockerels, 17 pullets, 6 pens. Richard Oke, judge. A splendid class in size and quality.

The second prize cock bird shown by Paul P. Ives, of Guilford, Conn., had fine color and splendid type and carriage. He was a fine example of the "Lordly Langshan." Mr. Ives also exhibited the 5th prize pen.

**WHITE LANGSHANS:**—1 cock, 3 hens, 1 cockerel, 2 pullets, 2 pens.

Richard Oke, judge. A small class. First prize pen owned by Mr. Ives, who was an exhibitor of Blacks, was a nice collection of birds.

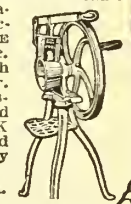
### PLYMOUTH ROCKS

**BARRED ROCKS:**—29 cocks, 32 hens, 42 cockerels, 43 pullets. Pullet-bred cocks, 2; pullet-bred cockerels, 14; cockerel-bred hens, 6; cockerel-bred pullets, 8; exhibition pens 11; cockerel-bred pens, 8; pullet-bred pens, 5; 296 birds in all. W. S. Russell, judge.

It was something new to have a western judge place the awards at a great eastern show in the section of the country considered as the home

**WILSON BROS. GRINDING MILLS.**  
BONE & CLOVER CUTTERS  
PAY FOR THEMSELVES IN A YEAR

It won't pay you to keep hens unless you can feed them plenty of CUT GREEN BONE and CLOVER, and you can't afford to feed them properly unless you own these machines, to have supplies fresh. They've got to have ground SHELLS and GRIT, too, or the can't make eggs. Every Wilson machine is made to give satisfaction and last. CROWN BONE CUTTER \$6.50; \$8.50 like picture. GEM CLOVER CUTTER \$9; high legs \$10, adjustable cutting bar. GRINDING MILL \$5. Best, easiest, quickest, hand. With Stand \$7. WRITE for FREE BOOK showing larger sizes, hand and power, and prices. Sold by dealers or direct. H-27  
Wilson Bros., Easton, Pa.



## NO MORE HATCHING EGGS

All offers previously made for the sale of hatching eggs for this season are hereby withdrawn as we will increase our capacity fourfold during the next twelve months. Fall hatched cockerels ready for March delivery, \$3.00 each. S. C. BUFF ORPINGTONS—Variety leaders in two Egg Contests.

CHERRY LANE FARM CO.,

O. Wilson, Mgr.,

OAK HILL, W. VA.

## Silver Campines of Quality

WINNERS AT THE GREAT BOSTON SHOW 1914

WE WON

1st Cockerel  
2nd Cockerel

4th Pullet  
6th Pullet

3rd Exhibition Pen.

Stock and Eggs for sale. Write for Circular.

**GEO. L. FISH, WAYLAND, MASS.**

*Myers' Madison Square Garden, New York, Philadelphia and Hagerstown Winning Line of*

## BARRED PLYMOUTH ROCKS

The Pullet Breeding Line. Winning at Madison Square Garden, New York, December, 1913, 1st and 5th Hen, 2nd and 3rd Pullet, 3rd Exhibition Pen, Champion Female in Barred Rocks. Winning at Philadelphia Show, December, 1913, 1-3-4-5-6 Hen, 1-3-5-6 Pullet, 1-3-4-5 Pullet Bred Male. 1st Pen to produce Exhibition Female, Champion Hen of Show, all breeds competing. Special for Best Display, Color Special. Breeding Stock and Eggs for sale. Ask for Catalog.

C. N. MYERS,

Box B,

HANOVER, PA.

## WHITE WYANDOTTES

**FOUR ACRE POULTRY YARDS.** Eggs for hatching, prize winning stock, farm raised \$3.00 and \$5.00 per 15 eggs, \$6.00 and \$10.00 per 45 eggs. Book your order now.

FOUR ACRE POULTRY YARDS

R. F. D.

MERIDEN, CONN.



of the Barred Plymouth Rock. Mr. Russell lives at Ottumwa, Ia. For more than a decade he has been recognized as a Barred Plymouth Rock expert and one of the country's foremost judges. Mr. Russell makes poultry judging a business and each year he places the awards at the prominent fall exhibitions and winter poultry shows of the central west. In 1907 he placed the awards on some of the Barred Rock classes at the Jamestown Exposition which was the only time besides Boston that he has placed the awards at an eastern show, though the week following Boston he was one of the judges at the Pittsburgh Fanciers' Exposition.

Mr. Russell's work at Boston was superlatively consistent, and we heard less real criticism of his awards in Barred Rocks at this show than is usually heard in regard to Barred Rock awards at eastern exhibitions. The fact that eastern and western ideals so far as Barred Rocks are concerned are close together, is well evidenced by the fact that the first prize pullet at Madison Square Garden also won first at Boston.

Haldie Nicholson of Leominster, Mass., exhibited four cocks in the open class and won 1st, 2nd and 6th. Mr. Nicholson is a past master in the art of producing Barred Rock males. Birds of his breeding have won not only at prominent American shows, but at the recent Crystal Palace show in London, England, they were awarded a number of the best prizes.

F. W. Briggs was in personal charge of the Pittsfield Poultry Farm Co., Pittsfield, Me., exhibit. As A. P. W. readers know, Pittsfield Poultry Farm are extensive breeders of Barred and White Plymouth Rocks. In the strong Barred Rock class at Boston their entries won numerous awards, including second prize pen, a splendid collection of birds that matched well in type and color. In this variety they also won 1st cockerel-bred hen and a number of specials. Mr. Briggs informed us that the new Pittsfield Poultry Farm plant that is being erected at Holliston, Mass., was well under way, and that five new Hall Mammoth incubators were in place and ready for the coming season's business. Pittsfield Poultry Farm incubator capacity is one of the largest in the United States, the egg capacity for the season being 2,500,000 eggs. The Holliston plant has an incubator capacity of over 100,000 eggs at one time, while the incubator capacity at Pittsfield is 17,600. Last season over 100,000 baby chicks were produced at Pittsfield, Me. This year with the increased incubator capacity of the Holliston plant they expect to produce 1,000,000 chicks during the year; 600,000 during the spring and the balance during the fall season. Chicks hatched during the fall season are intended for broilers and the south shore roaster trade. In addition to baby chicks Mr. Briggs informed us that Pittsfield Poultry Farm make a specialty of 8 weeks' old pullets as well as eggs for hatching. They have 16,000 breeders, 8,000 each of the Barred and White Rocks. The Holliston plant consists of 150 acres and the farm at Pitts-

field 110 acres. Mr. Briggs is a firm believer in the Plymouth Rock as being the greatest all-around general-purpose fowl in existence and he is backing up this faith with the two immense poultry farms referred to above.

Grove Hill Poultry Yards, Wm. Ellery Bright, proprietor, did not enter for competition this year, but had two beautiful display pens that attracted a great deal of attention. In one containing exhibition females we noticed a remarkable hen and two splendid pullets that were the equal of any of the winners in the open classes, the hen being especially fine in type and possessing bright, clean cut barring. F. G. Cook, Mr. Bright's poultry superintendent, said the demand for both Barred Rocks and S. C. Brown Leghorns was never as good as this season. He said the indications point to a very prosperous year.

A. C. Hawkins of Lancaster, Mass., who with Mr. Russell judging, swept the decks in the Barred Rock classes at the big Chicago show in December, did not exhibit at Boston. During the Boston show Mr. Hawkins showed us a circular that was published in 1879. This circular was handed to him by an old customer during show week. At the time the circular was issued, the Barred Plymouth Rocks

were known simply as Plymouth Rocks, the White, Buff, Partridge and other varieties of the Plymouth Rock family not having been originated. The circular was a small four page affair, 3 inches wide by 5½ inches

**I. W. BEAN STRAIN**  
**ROSE AND SINGLE COMB RHODE ISLAND REDS**  
Fine exhibition and breeding stock and eggs from best pens for sale. Address  
**Marvel Poultry Farm, Jones & Thayer, Props., Randolph, Mass.**

**HOWLAND'S BUFF WYANDOTTES**  
Win at Madison Square Garden, 1911-12-13. Eggs from 4 choicest pens \$5.00 per 15 eggs. Satisfaction guaranteed  
**STUART A. HOWLAND, GRANVILLE, N. Y.**

**NO MOPING NOW.**  
**"I'M LAYING"**  
Disease Paralyzes the crop (totally or partially). Why pour medicines into a "paralyzed crop," there to lie dormant, while disease destroys?  
**GET OCULUM AND INJECT**  
It, and Cholera, Roup, W. Diarrhea, Black-head and Leg Weakness will "get out and stay out."  
"You have opened a gold mine for the chicken man," J. S. Hendry, Louisville, Ky. Dealers, 50c. and \$1. If skeptical (doubtless you are), dime (postage), brings either size. Send bal., if O. K. Agents needed. Literature free. Your move next.  
**H. I. CO., Box Q, Salem, Va.**

**DOUGLAS BARRED ROCKS**  
The Famous Silver Cup Winners. A choice lot of both exhibition and utility cockerels and pullets for sale at reasonable prices.  
**H. B. DOUGLAS, Mgr. HANNIBAL, N. Y.**

**AMERICA'S BEST**  
**SILVER DUCKWINGS and S. C. BUFF LEGHORNS**

I will not show at all this season. Stock for sale in singles, Trios & Pens of these two great egg Machines. Write me if in need stating just what you want.

**THOS. PEER, Sec'y-Treas. National S. C. Buff Leghorn Club, CALDWELL, N. J.**

**Covert's S. C. Buff Orpingtons**

Winners at the largest shows and grand Pens mated for Eggs and Baby Chicks. Send for catalogue and learn more about the coming **Bufs.**

**HARRY COVERT, Specialist, 2500 N. 13½ St., TERRE HAUTE, IND.**

**ROSE AND SINGLE COMB REDS**  
**EGGS—FOR HATCHING—EGGS**



We have won more prizes in the last three years, in the largest shows of the country, than any other exhibitor. This is not hot air but facts and is easily proven. If you want to improve your flocks, our blood lines will do it. If you want to win, we can help you. Our beautiful catalog of 64 pages, printed in three colors, contains many articles on raising and caring for poultry. It will be sent for 20 cents in cash or stamps. We are the largest breeders of Rhode

Island Reds in the world and if you are in need of anything, come to headquarters. Send for our free list of matings, the finest ever put together.

**BUSCHMANN-PIERCE RED FARMS**

Office: 865 State Life Bldg.,

**INDIANAPOLIS, IND.**

**FARMS: CARMEL, INDIANA**



long. On the front page the following wording appeared:

"1879. Riverview Poultry Yards, Lancaster, Mass., 500 breeding birds for sale. Plymouth Rock fowl a specialty".

On the inside was the following announcement:

"To those who wish to procure eggs for hatching the coming season, I would say that my breeding hens are of the Drake and Gilman strains and selected with great care as to their fine breeding qualities. My flocks are extensive and I shall breed only from fine birds. I am hatching eggs from these yards and they show over 95 per cent fertile. My cockerels have been selected for their clean distinct plumage, yellow legs, low combs and fine symmetry. Will warrant them not to show brassy plumage". Mr. Hawkins at that early date offered hatching eggs from four yards ranging from \$2.00 per 13 to \$5.00 per 13.

**WHITE PLYMOUTH ROCKS:**—21 cocks, 18 hens, 45 cockerels, 32 pullets, 13 pens. M. L. Chapman, judge. Large classes of this variety are generally shown at the Boston show and this year was no exception. Many New England poultry breeders who are engaged in the production of the highest grades of market poultry use the White Plymouth Rock. The result is that this variety is extensively bred by New England poultrymen, both for its utility and Standard-bred qualities.

Bonnie Brook Poultry Farm, L. C. Bonfoey, superintendent, Saratoga Springs, N. Y., was the largest winner in the White Rock class. Their entries won 1st and 2nd cock, three places on hens including 2nd, two places on pullets including second, as well as a number of other awards. First prize cock was second prize cockerel at Madison Square Garden last year and first prize cockerel at the Palace show the same season. He is a large typical bird, Standard size and at show time weighed 9¾ pounds. He had a nicely arched neck, good length of body and back and nicely rounded full breast. He won the \$100.00 challenge cup for the best White Rock male. Mr. Bonfoey's best cock bird was unplaced as he was not cooped until after the judging was finished. He was a bird of wonderful type, splendid head points, and shown in fine condition. The second prize hen shown by Bonnie Brook was about perfect in color and the best shaped female in the White Rock class. She was a trifle short in feather at show time, and would not be at her best for another two weeks.

Previous to accepting the position as superintendent at Bonnie Brook, Mr. Bonfoey was a well known breeder and exhibitor of White Rocks. For years birds of his breeding have been winners at New York and Boston as well as a number of other leading shows. On going to Bonnie Brook, Mr. Bonfoey took with him the choicest specimens of his 1913 production as a nucleus for a foundation stock in White Rocks, which in addition to S. C. White Leghorns will be bred at Bonnie Brook in the future.

Chas. W. Pratt, No. Abington, Mass., as usual, was a successful White

Rock exhibitor at Boston. Among his several winners Mr. Pratt's second prize cockerel was a bird of splendid size, good head points and splendid Plymouth Rock type. An illustration of this bird appears elsewhere in this issue. A year ago Mr. Pratt won 1st and 3rd cockerel at Boston in another strong White Rock class. His strain is noted for splendid size, good type and neat head points. He has surplus males and females to sell at reasonable prices and is well prepared for the egg trade with the choicest matings that he has ever had. Intending purchasers can rest assured of a square deal from Mr. Pratt. He is the type of man that intends to have every sale satisfactory and if necessary will go out of his way to make it so.

**BUFF PLYMOUTH ROCKS:**—10 cocks, 6 hens, 13 cockerels, 13 pullets, 1 pen. Eugene Sites, judge. Not as large nor as good an average class as is usually shown at Boston. The Buff Plymouth Rock, like many other popular varieties, originated in New England and are held in high esteem by the poultrymen of that section. In the latter 90's together with the Buff Wyandottes and Buff Leghorns, Buff Rocks benefited by the boom in the Buff breeds and soon took a place in the front ranks as a popular breed.

It is being bred extensively particularly in the northwest and the south.

E. H. Lichtenwalter of Girard, Pa., made four entries and won 1st cockerel, 4th cock and 5th pullet. Mr. Lichtenwalter is an old time and most successful breeder of Buff Rocks

## SILVER WYANDOTTES

There is Money In Silvers

The Steinmesch Strain, known the World Over.

**EGGS FOR HATCHING**

\$5.00 for 15 - - - \$8.00 for 30.

Circular Free. Address

HENRY STEINMESCH, ST. LOUIS, MO.

## GOULD'S BLACK MINORCAS

First Prize and Silver Cup winners at Palace, New York City, and elsewhere. They are bred for EGGS as well as for FANCY POINTS and are MONEY MAKERS. COCKERELS, sons of Palace winners \$3 and \$5. Write TODAY for new mating list.

HAROLD W. GOULD, LAKE GROVE, N. Y.

**THE ONE BEST PLACE**

## PAYNE BROS., R. C. RHODE ISLAND REDS

**WIN IN THE HOTTEST COMPETITION**

Madison Square Garden, Dec., 1913, 1st Pen and 3rd Hen. Madison Square Garden, Dec. 31, 1912—Jan. 4, 1913—1st Cock, 1st Pullet, 3rd Pen, 5th Hen. Boston, Jan. 1912—1st Pen, 1st Cockerel, 2nd and 6th Hen, 4th and 6th Pullet, 5th Cock and 6th Pen. Cup for best display of R. C. R. I. Reds at New Haven, 1913, the National Meeting of the R. I. Red Club.

Eggs for Hatching from the finest matings we ever had at \$2—\$20 per 15.

Catalogue Free

Satisfaction guaranteed.

PAYNE BROS.,

Box W,

PORTLAND, CONN.

## NICHOLSON'S ROYAL BLUE ORPINGTONS AND BARRED ROCKS

Blue Orpington Winnings, 1914, are as follows:

### NEW YORK

First Hen,  
First and Fifth Pullet,  
Second Cockerel,  
Second and Fifth Cock,  
Second and Third Pen,  
Best Display, 109 in competition, including two large strings from England, brought over by Captain Max. de Bathe and Wm. Cook & Co.



A Royal Blue Orpington

### BOSTON

First, Second, Third Cock,  
First, Second Cockerel,  
First and Fifth Pullet,  
Best Display,  
52 in competition.

### CHICAGO, DEC. 1913

First Cock,  
First Cockerel,  
First Hen,  
First Pullet,  
Best Display.

## BARRED ROCKS

Boston, 1914—First, Second and Sixth Cock. Crystal Palace, London, England, First, Second Cock, First and Second Cockerel, First, Second and Third Hen, Second Pullet, and International Medal.

## BARRED ORPINGTONS

Boston, First Cockerel, First Pullet.

HALDIE NICHOLSON,

Box 2,

LEOMINSTER, MASS.



which he has exhibited successfully at the leading shows including New York, Cleveland, Pittsburgh, Boston and elsewhere.

**PARTRIDGE PLYMOUTH ROCKS:**—9 cocks, 13 hens, 15 cockerels, 17 pullets, 4 pens. C. A. Ballou, judge. A good class in numbers and quality.

Among the successful exhibitors of this variety, Bonaparte Park Poultry Ranch, Bordentown, N. J., won 1st and 2nd pen, together with numerous prizes in the open class, including 2nd and 3rd cockerel, 2nd cock, etc. This display was in charge of John F. MacKay, manager, and Chas. R. Matsinger, poultryman.

Paul Klingbeil, Walpole, Mass., did not enter for competition, but exhibited two handsome display pens. These were in the main aisle in the center of the hall alongside of two pens of Partridge Cochins, and in passing it might be said that Mr. Klingbeil's Partridge Rocks compared favorably with the Cochins, the oldest Partridge variety recognized by the Standard of Perfection. Mr. Klingbeil informed us that he sold a number of birds for competition at Boston and did not wish to compete against his customers. He had the satisfaction of seeing a number of the prizes placed on the coops containing birds that he had sold. "It pleases me better to have customers successful than to win myself", said Mr. Klingbeil. Mr. Klingbeil breeds Partridge Rocks extensively and informed us that he is planning to produce one thousand

chicks during the coming season. He is offering eggs from a large number of carefully selected breeding pens and he will also sell baby chicks from his best matings. At this year's Madison Square Garden show, Mr. Klingbeil's entries won two firsts and a number of other prizes.

**SILVER PENCILED PLYMOUTH ROCKS:**—12 single entries, 2 pens. C. A. Ballou, judge. This handsome variety is deserving of more attention than it receives. It has a great deal of merit.

Bonaparte Park Poultry Ranch of Bordentown, N. J., won all the awards. Their exhibit included their winners at the Madison Square Garden show a few weeks previous.

**COLUMBIAN PLYMOUTH ROCKS:** 5 cocks, 6 hens, 9 cockerels, 9 pullets, 2 pens. Frank L. Pratt, judge. This is another of the new Plymouth Rock varieties that is making many friends. Plymouth Rock type and Light Brahma markings are a combination that it is hard to surpass and this no doubt is the reason why this breed is making such steady progress. The class at this show was of average quality, and not as large as we expected to find.

#### WYANDOTTES

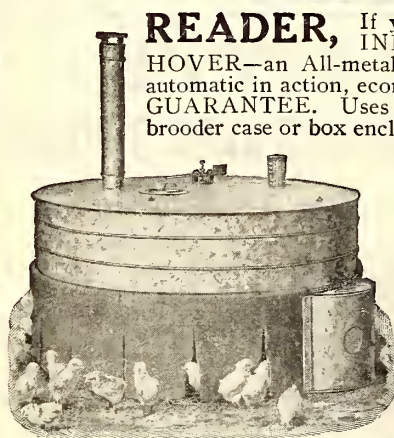
**SILVER WYANDOTTES:**—11 cocks, 9 hens, 15 cockerels, 12 pullets, 5 pens. J. H. Wolsieffer, judge. This class was strong in quality and in numbers. Many of the best breeders of the variety were exhibitors and the result was a splendid quality display.

**GOLDEN WYANDOTTES:**—7 cocks, 7 hens, 6 cockerels, 6 pullets, 1 pen. C. S. Flanders, judge. Though rather small in numbers, quality was above the average. That this variety would be more generally bred if classes of the quality shown at Boston this year were generally exhibited, there is no doubt.

**WHITE WYANDOTTES:**—23 cocks: 23 hens, 49 cockerels, 39 pullets, 12 pens. Geo. W. Dakin, judged cockerels and pens; C. J. Titus, cocks, hens and pullets. It was generally admitted by those present that White Wyandottes at Boston was the strongest class of the 1913-14 show season. The Boston exhibit was materially strengthened in quality by a number of the New York winners, not all of which, however, were successful in landing places. Messrs. Dakin and Titus did splendid work in placing the awards. Their selections were birds showing grand type, neat head points and rich yellow legs. It seems hardly necessary to add that the winners were also good in color. Birds exhibited at the leading shows by prominent breeders of White Wyandottes, White Rocks and White Leghorns are practically perfection so far as color is concerned, and so that readers will not misunderstand this statement, it should be added that not all the birds that show this perfection in color have been subjected to a bleaching process. The birds have been bred pure white and stay that way.

The best record in White Wyandottes

# FOR INDOOR BROODING



**Cyphers Portable Hover**

Set it down Anywhere Indoors and you will have a Safe and Comfortable Place for the Little Chicks. "Movable" at a Moment's Notice without even turning down the Lamp Flame. Weighs 35 Pounds in use. Price, Complete, Safely Boxed, \$8.50 free on cars at all our Places of Business, except Oakland and London. Oakland F. O. B. price, \$9.50. Entirely Safe to order a sample from this advertisement. Weighs 40 lbs., by express.

**READER,** If you are looking for a low-cost, convenient and practical way to brood little chicks **INDOORS**, you will not make a mistake if you buy and use the **CYPHERS PORTABLE HOVER**—an All-metal, Self-regulating, Self-ventilating, COMPLETE BROODING DEVICE that is automatic in action, economical to operate and that with proper care will last many years. **ALL THIS WE GUARANTEE.** Uses the floor of the room for the floor of the brooding space and therefore does not need a brooder case or box enclosure. Chicks are on level of room floor all the time and do not have steps or inclines to run up and down. Can be operated in ANY ROOM or place indoors where it is safe to raise chicks or ducklings. Please read the recent sample reports here-with and send without delay for our FREE 1914 "When, Where and How" blanket circular, as described below.

## REPORTS FROM CUSTOMERS

Hutchinson, Kans., July 13, 1913.

*Cyphers Incubator Co., Buffalo, N. Y.*—

We believe that no other brooding device comes as near reaching the "acme of perfection" as does your Portable Hover. We know **whereof we speak**—because we have used others. We wish to say to all poultry growers that they need not fear to use Cyphers Portable Hovers at any time of the year. At all seasons we have found them reliable. The temperature is easily maintained, even in very changeable weather. Often when our section was visited by blizzard conditions we would worry about our little chicks, but in every case found them "snug and warm" and unharmed.

Experience has convinced us of the superiority of the Cyphers Portable Hover and in future we shall use them exclusively. They are large and roomy, are automatic in ventilation and produce strong, healthy chicks.

O. H. GUY & SON, Per O. H. GUY.  
Breeders of Rose Comb Brown Leghorns.

Hillhurst Farm, Poultry Department.  
Orchard Park, N. Y., June 27, 1913.

*Cyphers Incubator Co., Buffalo, N. Y.*—

No doubt you remember our purchasing one dozen of your Portable Brooding Hovers last spring. The brooding season now being over, you will be interested to know that they have given **entire satisfaction**, in fact we found them to be the best and most practical Hover we ever used and we have used a number of different makes. The Portable Hover is convenient, easy to care for, economical in operation and supplies an abundance of heat.

We put about 75 chicks under each Hover. We have put more than this under a Hover with good results, but think 75 is better. The Cyphers Portable Hover has the same easy and reliable regulator that has always distinguished the Cyphers Adaptable Hover, and for anyone needing a self-ventilating, practically automatic Portable Hover we know of nothing that equals the Cyphers.

HILLHURST FARM,  
John B. Casterline, Mgr.

**BIG FREE CIRCULAR:** Send today—NOW, before you forget it, for our 1914 illustrated free circular (four pages, 11 by 18 inches) that explains FULLY "when, where and how to use" this type of brooding Hover "for best results." Gives detailed reports from these same customers and NUMEROUS OTHERS who own and are using Cyphers Self-regulating, Self-ventilating Portable Hovers, with UNIFORM SUCCESS. Write to Home Offices, Buffalo, N. Y., or to our branch store nearest you—see opposite page. Be sure to send all orders to our place of business nearest you, thus saving valuable time, also money on freight or express charges.



dotes not only at Boston, but during the 1913-14 show season at a leading show was made by Jos. Russell, 437 Jarvis St., Toronto, Canada. Mr. Russell's complete winnings were as follows: 1st, 5th and 6th cock; 1st, 2nd and 4th hen; 3rd and 6th cockerel; 1st and 2nd pullet; 1st, 3rd and 5th pen. To make it complete, Mr. Russell purchased the first prize cockerel after the awards were placed. Mr. Russell as an exhibitor is not a new comer. He has been a winner at New York, Boston, Toronto, Guelph and Buffalo shows for several years. Mr. Russell is an ex-member of the Canadian Parliament. He is breeding White Wyandottes, Single and Rose Comb Rhode Island Reds, and takes a keen interest in and obtains much enjoyment from them. At Boston, Mr. Russell appeared the happiest man we met during show week. His practically clean sweep of the first prizes in White Wyandottes and his numerous winnings in Single and R. C. Rhode Island Reds kept him busy accepting the congratulations from his numerous friends and well wishers. It would be difficult to describe his numerous winners, but among the exceptional birds in the White Wyandotte class that appealed to us the most were the first prize cock, the cockerel heading the first prize pen, the first prize hen and his first and second prize pullets. But little criticism could be made of any of the winners and these birds especially. They were of the business type of Wyandottes that the new Standard

will call for, the one that will insure the White Wyandotte a place among the best general purpose fowls. Mr. Russell purchased practically all of the Horace Havemeyer stock of White Wyandottes including a number of very choice cockerels. These birds he is offering at reasonable prices, quality considered. Just another word in regard to Mr. Russell, a year ago he led in the nominating ballot for first vice president of the American Poultry Association, but not wishing to enter into a contest for the honor, withdrew. This year, however, Mr. Russell informed us at Boston that if the members of the American Poultry Association wanted him to accept that office, he would do so. Here is the opportunity for members of the American Poultry Association to obtain a first class official and at the same time give Canada a place among the officers of the association, something it is entitled to.

Fourth prize pen shown by Onlya Farm, Philip Kearney owner, Florham Park, N. J., was well matched in type and head points. Mr. Kearney was present during the show and reported a good demand for stock and eggs. Mr. Kearney's single entry in the pullet class won 3rd in a class of 39 birds.

Marshall and Marshall of Niagara Falls, Canada, entered a small string of four birds. The cockerel exhibited by them was a typical well finished and handsome specimen. He also had beautiful head points, and rich yellow legs.

J. W. Andrews of Dighton, Mass., did not enter this year having sold a number of birds for the show. Mr. Andrews has been a very successful exhibitor in Boston at shows gone by. His birds have an individuality and uniformity of type that denotes careful selection and mating. Mr. Andrews has placed the awards at New York for several seasons and this year he also judged at Buffalo and Guelph where his work gave general satisfaction.

**BLACK WYANDOTTES:**—3 cocks, 4 hens, 6 cockerels, 4 pullets. W. G. Minich, Judge. A small class of select quality. Wyandotte breeders appeared divided on the color of legs, some contending that the yellow legged birds should be favored as in England, while others who advocate sound under-color declare that the birds with yellowish black or dusky yellow legs are to be preferred. The standard calls for black shading into willow or yellow.

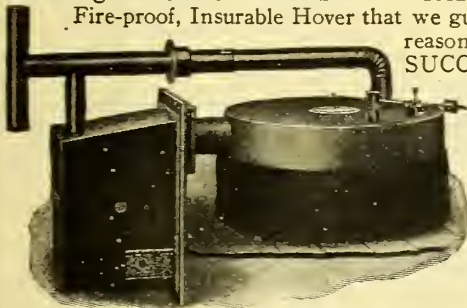
**BUFF WYANDOTTES:**—12 cocks, 11 hens, 18 cockerels, 16 pullets, 3 pens. Eugene Sites, Judge. A good class in numbers and quality. This variety appears to be coming back as large classes have ruled at many of this season's leading shows.

Stuart A. Howland, Granville, N. Y., won four regular prizes on five entries. Mr. Howland is an old time breeder and exhibitor of this variety and has made a splendid record in the show room.

**PARTRIDGE WYANDOTTES:**—3

# FOR OUTDOOR BROODING

**JUST AS SOON** As the ground is dry each spring it **PAYS BEST** to get the little chicks out upon the fresh earth, or into grass runs—and this calls for colony coops **EQUIPPED** with safe and trustworthy brooding hovers, or for **OUTDOOR BROODERS**, either factory-built or home-made. You can easily make your own outdoor brooder, Reader, by securing at some nearby store a piano box, an organ case or a large goods box and attaching thereto a **CYPHERS ADAPTABLE BROODING HOVER**—a Self-regulating, Self-ventilating, All-metal, Fire-proof, Insurable Hover that we guarantee to be safe from fire, to be practical in use and to last a lifetime with reasonable care. There are **TENS OF THOUSANDS** of these Standard Hovers in **SUCCESSFUL USE** in all parts of the civilized world. Please send **TODAY** for our latest 1914 **FREE** blanket circular (four pages, 11 by 18 inches in size) entitled, "When, Where and How To Use Cyphers Adaptable Brooding Hovers to Best Advantage"—mailed free, postage paid, to any address on request.



## Cyphers Adaptable Hover

Fire-proof, Wind-proof, Insurable, Self-regulating and Automatic in Ventilation. Best Device in World's Markets for Use in Home-made Brooder Cases, Colony Coops, Roosting Coops and Portable Houses. Price, Complete, Safely Boxed for Shipment, \$8.50 free on board cars at all our Places of Business, except Oakland and London. Oakland F. O. B. Price, \$9.50. Entirely safe to order sample from this advertisement. Send order to place of business nearest you, thus saving time and most of freight or express charges.

## REPORTS FROM CUSTOMERS

Wayne, Neb., June 23, 1913.

*Cyphers Incubator Co., Buffalo, N. Y.*—

After using your Automatic Adaptable Hover, and thoroughly testing it, I find they are just as represented in your catalogue. Have installed them in goods boxes and home-made brooder cases—these cases being similar to your Style B Outdoor Colony Brooder. I place fifty chicks under each hover and they are left with the hover until six weeks old. I strongly advise the use of these Adaptable Hovers to fellow poultrymen. On account of their superior construction they will last for years. In my opinion this is the best device on the market for brooding chicks successfully outdoors.

LEROY OWEN.

Tappan, N. Y., June 25, 1913.

*Cyphers Incubator Co., Buffalo, N. Y.*—

Early this past spring we purchased two of your Self-regulating Adaptable Hovers and think them as near perfect as can be made. We expect to get at least three more for next spring. Our losses of chicks entrusted to these hovers are small indeed, and the chicks grow fine. Our chicks under the Adaptable Hovers were never crowded, overheated or chilled in the slightest degree. We had no trouble in keeping the heat at the degree wanted, as the automatic regulating device took care of it in fine style. I fed my chicks by the Cyphers Company "deep-litter method," and they certainly did fine this year.

CHAS. E. AHRENS.

**CYPHERS INCUBATOR CO., Dept. 722** Factory and Home Offices, **Buffalo, N. Y.**

BRANCH STORES AND WAREHOUSES } NEW YORK, N. Y. 41 Barclay St. BOSTON, MASS. 12-14 Canal St. CHICAGO, ILL. 329-331 Plymouth Court KANSAS CITY, MO. 317-319 Southwest Boulevard OAKLAND, CAL. 2127 Broadway LONDON, ENGLAND 121-123 Finsbury Pavement

Local Agents Wanted. No Capital Required. Write to Nearest Branch House.



cocks, 4 hens, 6 cockerels, 3 pullets, 3 pens. M. H. Coffin, Judge. For some unknown reason this variety was not nearly as strong as usual in quality or numbers. In years gone by the Part-ridge Wyandotte exhibit at Boston has been one of the best of the season.

**SILVER PENCILED WYANDOTTES:**—9 cocks, 5 hens, 12 cockerels, 14 pullets, 2 pens. C. A. Wheeler, Judge.

The entries of Horace Havemeyer of Stamford, Conn., that swept all before them at both New York shows, Madison Square Garden and the Palace were strong winners here. James Troy, Mr. Havemeyer's poultryman, was in charge.

**COLUMBIAN WYANDOTTES:**—11 cocks, 5 hens, 14 cockerels, 7 pullets, 5 pens. D. Lincoln Orr, Judge. The competition in cocks, cockerels and pens was especially strong.

**BLUE WYANDOTTES:**—Four birds, one entry in each class. This is a novelty variety.

**AMERICAN DOMINIQUE:**—5 cocks, 5 hens, 10 cockerels, 5 pullets, 1 pen. W. H. Card, Judge. It was with satisfaction that we noted the true Dominique type and markings of the winners. So many entries of this variety that are seen at the shows are Dominique in name only that it was a genuine pleasure to see the real thing.

**S. C. RHODE ISLAND REDS:**—23 cocks, 23 hens, 44 cockerels, 29 pullets, 12 pens. W. H. Card, Judge.

The Champion bird of the Single and Rose Comb classes was the first prize S. C. cock shown by United Breeders, Inc., So. Braintree, Mass. An illustration of this splendid specimen made by Artist Schilling appears on page 353 of this issue. "Halleluia" as the bird has been named was not only one of the best birds of the year but one of the best Rhode Island Reds Single or Rose Comb that has been shown to date. Messrs. Bean and Dilley of the United Breeders were present during the show. Mr. Bean told us that trade for the coming season promised to be especially good, the demand for stock and inquiry for stock and eggs being heavy. In addition to the regular prizes, among the special prizes won by the United Breeders entries was the one for the best display of Rose Combs, the Massachusetts State Cup for best Rose Comb display, the House Rock Farm Championship cup for best male either variety. This special was won by the first prize cock above referred to. In this bird's coop was the following placard: "This cock Halleluia won first cockerel at Madison Square Garden last year. At this show he wins blue ribbon, special for best colored male, and special for best shaped male in the single class and the Championship for the best Rhode Island Red male in the show, both combs competing. The first prize cockerel at this show was produced from a setting of eggs sold from the pen which Halleluia headed last season." No birds exhibited by the

United Breeders at New York were in the Boston exhibit excepting the 5th prize New York R. C. hen. The first prize cockerel that the placard in Halleluia's coop referred to was shown by Mr. P. E. Allendorf of Ellis, Mass. He was a typical specimen with rich brilliant color.

Lester Tompkins of Concord, Mass., won the most points and special for best display in single combs. His regular awards included 1st, 5th and 6th pullet; 4th cockerel; 1st and 6th hen; 3rd, 5th and 6th cock; 2nd and 5th pen. What Lester Tompkins has done for the Rhode Island Reds is history. He is perhaps the oldest breeder of Rhode Island Reds that is prominent as an exhibitor of this breed.

Jos. Russell of Toronto, Canada, was a prominent winner in this class. Mr. Russell won 2nd and 3rd hen, 2nd cockerel.

**ROSE COMB REDS:**—14 cocks, 15 hens, 30 cockerels, 26 pullets, 6 pens. W. H. Card, Judge.

Red Feather Farm, F. W. C. Almy, Proprietor, Tiverton-4-Corners, R. I., won 1st cock; 1st hen, and 2 pen, a splendid winning considering the size and strong quality of the classes. Coursing through Mr. Almy's birds is

**Armer's Buff Rocks** Have been winners this Fall and Winter at many of the big shows. At Madison Square Garden, Dec. 26th to 31st, 1913 1st and 3rd cock, 1st and 4th hen, 1st and 4th pullet, 3rd Pen. Write for mating list.  
**FRED ARMER, BALLSTON SPA, N. Y.**

## COLUMBIAN WYANDOTTES

Palace Winners 1913. Splendid exhibition and breeding birds for sale. Hatching Eggs.

Circular Free.

**HORSESHOE POULTRY YARDS, HICKSVILLE, N. Y.**

## CURTIS COLUMBIAN WYANDOTTES

At New York State Fair, Sept. 8-13, 1913, again demonstrated their claim to the title "America's Best" by winning 1, 2 pen young, 2, 3 pen old, 4 cock, 3 hen, 1, 2 cockerel, 1, 2, 3 pullet. Do you want more proof of quality? If so send for circular to **D. V. G. CURTIS, Ballston Spa, N. Y.**

## Plymouth Rocks Only

JOS. KORTLANDER,

My Rocks won at Grand Central Palace, N. Y., Mineola and Hempstead, L. I. Won this season 2 silver Cnps and 9 ribbons. Some fine cockerels for sale, \$3.00 and up. Eggs for hatching a specialty. Send for mating list.

GREAT NECK, L. I.

## AURORA COLUMBIAN ROCKS

Winners at Madison Square Garden. Grand winter layers. Now is the time to order birds for early show  
**LEW H. BOWN, EAST AURORA, N. Y.**

## == VIERHELLER'S BUFF ROCKS ==

Eggs for Hatching from the Champions of the Buff Rock Club Meeting.  
This is your chance to get something good.

VIERHELLER BROS.,

71 Sylvania Ave.,

PITTSBURGH, PA.

## AYERS' COLUMBIAN WYANDOTTES

At Grand Central Palace, N. Y. City, Dec. 2-6, 1913, in the largest class of Columbians shown this season, won 1st Cock in a class of 15, 3rd Cockerel in a class of 19 (lost 1st prize by lack of finish), 3rd Pen and 3rd Display. As many firsts as any competitor and second highest number of points on males. At Holyoke, Mass., the same week as the Palace show, with another string of birds I won 1st Cock, 2nd and 3rd Hen, 1st, 3rd and 4th Cockerel, 2nd Pullet, 1st Pen, 1st Display and more points than the combined number of my five competitors. I have won 1st prize cock at nine consecutive shows and with six different cocks. Also 1st prize hen at 16 of the 18 consecutive shows. Best Display at 8 consecutive shows. Stock on approval.

LEVI A. AYERS,

Box B,

GRANVILLE, N. Y.



Win all cups and specials at Buffalo, and Rochester for best display 1913, Some of this blood will help you win,

**C. E. RILEY**

749 Fillmore Ave., Buffalo, N. Y.



## ONLYA FARM WHITE WYANDOTTES

Having shown at Allentown, Hagerstown, Augusta, Buffalo and Grand Central Palace at each of which; with the exception of the Palace where we were second and Hagerstown where we only exhibited four birds, we won **Best Display**, also at Madison Square Garden we won 2nd Pen and at Boston in the grandest class of Wyandottes ever shown 3rd Pullet and 4th Pen, with Birds of our own raising and breeding, the indisputable proof being our **seamless leg band**. We have mated up four, teen superb pens. Eggs from which will be \$5, \$10, \$15 and \$20 per setting of 15. **Day Old Chicks** 50c. \$1.00, \$1.50 and \$2.00 each. Matured birds also for sale, a fine lot of Cocks, Cockerels, and Pullets from \$3 up. Send for mating list.

**Philip Kearny, Owner, Florham Park, N. J.**

## INDIAN RUNNER DUCKS

English Penciled (Cumberland) Indian Runners, the real Runners. Prolific layers of large white eggs. Won firsts and cups at the largest shows. Rocks bred for heavy egg production, everlasting layers, not show stock. Hatching Eggs, both breeds.

**MRS. ANDREW BROOKS, Brookhaven Farm,**

## BARRED PLYMOUTH ROCKS

R. F. D. No. 6,

AUBURN, N. Y.



the blood of the wonderful "Sensation" which he purchased a few years ago. This bird was the best Rhode Island Red male produced up to this date. In fact, in quality he was several years ahead of the breed. He proved to be a wonderful sire and as a result many winners at the leading shows throughout the country can trace their lineage back to him.

United Breeders, Inc., of So. Braintree, Mass., won special for best display of Rose Combs, winning 2nd and 5th cock; 2nd and 4th hens; 2nd, 4th and 5th cockerels; 6th pullet and 1st pen.

Lester Tompkins carried off the coveted award of first prize on cockerel, in addition won 6th cock and 3rd pen.

Jos. Russell of Toronto, Canada, won 6th hen, 6th cockerel, 2nd and 4th pullet.

#### DORKINGS

In White and Colored Dorkings, but one bird in a class was exhibited. They were judged by Frank Conway of Welland, Ont., who also judged the Silver Greys. In this variety there were three cocks, seven hens, four cockerels and seven pullets. It was the best quality display of Dorkings that have been shown this year.

#### ORPINGTONS

The Orpington class was judged by C. S. Byers of Hazelrigg, Ind. This was not Mr. Byers' first time to judge Orpingtons at an eastern show. A year ago he placed the awards on Buff and Black Orpingtons at Madison Square Garden. Mr. Byers is one of America's pioneer breeders of Orpingtons, he having bred them continuously since 1898 when he started in with a setting of Buff Orpington eggs. The next year he imported some stock direct from England. He is a student of Orpington type and has the ability to discern between values in both shape and color.

S. C. BUFFS:—12 cocks, 13 hens, 16 cockerels, 15 pullets, 4 pens. On the whole this class was rather a disappointment as it measured up to the present day Standard of Buff Orpingtons in quality for a national show. It was a difficult class to judge, for with few exceptions, the winners did not begin to equal the classes shown at Madison Square Garden, Chicago and the Palace, while the birds outside of the winners were of ordinary quality.

Wm. Cook & Sons, Scotch Plains, N. J., won 3rd cock, 4th hen, and 2nd pen. Mr. Percy Cook of the firm was in personal charge of the exhibit. During the past show season, Mr. Cook's entries have won 353 prizes at leading shows throughout the country.

S. C. BLACK ORPINGTONS:—6 cocks, 9 hens, 11 cockerels, 14 pullets, 4 pens. C. S. Byers, Judge. This class was strong in quality containing a number of imported English birds and some of the New York winners.

Maplehurst Farm, J. R. Wilcox, Proprietor, Kingston, R. I., won 1st and 5th cock; 1st and 4th hen; and 3rd cockerel; 2nd and 3rd pullet; 1st pen; gold special for best exhibit, and both shape and color specials for male and female. Judge Byers said that Mr. Wilcox's cockerel heading the

first prize pen was in a class by himself. Mr. Wilcox was present during the show and was kept busy receiving the congratulations over his splendid winning. He stated that he has 200 head of young stock to sell including some very choice cockerels and pullets.

Wm. Cook & Sons, Scotch Plains, N. J., made five entries, each one of which was awarded a regular prize.

BLUE ORPINGTONS:—7 cocks, 9 hens, 11 cockerels, 15 pullets, 2 pens. It is wonderful the way Blue Orpingtons have worked their way into popular favor. At the Crystal Palace Show, London, England, 1911, there were about 20 birds shown. The winning pullet took the championship for the best Orpington in the show. They



**BALDWIN'S**  
White Crested Black Polish  
Prize winners Madison Square Garden, Philadelphia and Boston. Stock at all times. Eggs from best matings \$5 and \$3 per setting. Send for free circular.  
Wesley Baldwin, Walton, N. Y.

#### The Improved Champion Leg Band



Aluminum only, two sizes, adjustable to fit any fowl. Held by double lock. They can't lose off. Postpaid 12-15c; 25-30c; 50-35c; 100-60c. Initials 10c per 100 extra. 50 or less 5c. Also Pigeon Bands.



T. CADWALLADER, Box 1412, Salem, Ohio

#### New England's Champion S. C. Buff Leghorns

won all firsts and display at Cumberland County Fair, Gorham, Me., thus making a clean sweep in hot competition. Fine stock for sale at reasonable prices.

HILLCREST FARM,

Box 86,

NORTH GORHAM, ME.

#### Morgan's Black Langshans and Rose Comb White Leghorns

Exhibition and utility stock for sale. Write for my free price list.

Morgan Bros.,

Dept. 4,

W. Alexander, Pa

O. L. HILL,

Originator and Breeder of "Eclipse" White Wyandottes

SHELBURN, IND.

If you want quality in White Wyandottes, you should buy the "Eclipse" White Wyandottes direct from the originator. They are large massive birds and always win in the showroom and breeding pen. My birds are all line bred and trapnested, thereby insuring the best results. Write me your wants and I will send you my prices and catalogue giving full description of my stock. We also breed a fine line of *Black Cochins Bantams*.

#### Single Comb Rhode Island Reds

We have the birds to help strengthen your flock. Eggs from best pens now mated for prompt delivery. Address

GEO. W. WHITE, S. C. R. I. Red Specialist, HAMILTON, MD.

BLUE RIBBON WINNERS

HIGH MARK LAYERS

S. C. WHITE LEGHORNS

R. and S. C. REDS

At Silver Creek Show, December, 1913, we won on Leghorns, Special for Best Leghorn, Best Pullet in Mediterranean class and Best Hen in Show, all varieties, 1st and 2nd Pullet, 1st Hen, 2nd Pen, 4th Cock. On Reds, 1st, 2nd and 3rd Pullets, 1st Pen, 3rd Cockerel. If you want this kind of stock try a few of our Eggs or Chicks. Eggs \$1.00 to \$3.00 per 15. Chicks 10 to 25 cents. Can supply a few more hundred March Leghorn Chicks. Address

POULTRY DEPT., EAGLE BAY FARM,

F. A. House, Mgr.,

SILVER CREEK, N. Y.

#### "O.K." Poultry Litter

TRADE MARK

Is cheaper to use and ever so much better than Straw, Clover, Alfalfa, Sawdust, Shavings or anything else ever thought of for litter.

"O.K."  
KEEPS  
THE

BROODER

CLEAN  
DRY  
SWEET

WITHOUT ONCE CLEANING OUT.

Can you imagine the comfort, convenience and time saved running your brooders like this? Remember, one lot of "O.K." Litter lasts until the chicks have outgrown the brooder without once cleaning out. In COOPS, LAYING HOUSES, COLONY HOUSES and SCRATCHING PENS, "O.K." Litter dries up the droppings so that the house is always dry, clean, sweet-smelling and sanitary, and needs cleaning out only once in three or four months.

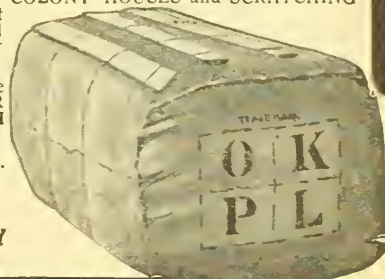
"O.K." Litter will NOT BURN. Lice will not come where it is used. TELL US HOW LARGE YOUR HOUSE IS—WE WILL TELL YOU HOW MUCH "O.K." LITTER YOU NEED. Write today for

FREE Sample of "O.K." and New Poultry Book. You need them both.

O. K. COMPANY,

Dept. 172, 157 Water St., NEW YORK CITY

"O.K." Trade-Mark is on every bale of genuine.





then crossed the water and were exhibited at Madison Square Garden in 1911, where there were about 9 birds exhibited. Last year at Crystal Palace Show, 1912, there were about 120 birds shown. Again a Blue Orpington, the first prize pullet, won the challenge cup for the best Orpington in the show. 1912-13 at Madison Square Garden there were about 60 Blue Orpingtons in the Garden. Nov. 18, 1913, Crystal Palace Show, London, England, there were about 215 Blue Orpingtons shown. The Blue Orpington hen won the championship again for the best Orpington in the show.

At Madison Square Garden 1913-14 show there were 105 birds. Haldie Nicholson of Leominster, Mass., who has been America's most successful exhibitor of this variety, won 1st, 2nd and 3rd cock; 4th and 6th hen; 1st and 2nd cockerel; 1st and 5th pullet. Mr. Nicholson did not show any pens. It was the third time this season at a national show that Mr. Nicholson had won first prize on Blue Orpington pullet, he also having won first at Madison Square Garden and Chicago, as well as Boston. The remarkable part is that these prizes were won with three different birds, all sisters.

S. C. WHITE ORPINGTONS:—20 cocks, 23 hens, 29 cockerels, 24 pullets, 12 pens. C. S. Byers, Judge. The keen interest that has been taken in this variety and the strong classes that have been shown at New York, Chicago and Boston are indicative that the White Orpingtons are a long way from being a dead variety. With the wonderful advancement in quality that they have made during the past three years and their many sterling qualities as a utility fowl, they are sure to retain a place among the leading popular varieties.

Maurice F. Delano of Vineyard Haven, Mass., made a remarkable record with this variety, winning 1st and 6th cock; 1st hen; 2nd, 3rd and 5th cockerel; 1st, 5th and 6th pullet; 1st pen; four out of five firsts and a regular prize on every entry excepting one. Mr. Delano reported a strong demand for White Orpingtons and stated that they were bringing good prices.

R. C. WHITE ORPINGTONS were a small class with only two exhibitors. A pair of Cuckoo Orpingtons were shown, also a Barred Orpington cockerel and pullet. These latter were shown by Haldie Nicholson who originated this variety. The birds of this

variety exhibited by Mr. Nicholson show considerable progress in barring. There was a small exhibit of Crested White Orpingtons. These birds show only very small crests. In fact they were crests in name only, being more like the hens that were called "Top-nots" when we were a boy. It would seem as if a crest on an Orpington would be out of place. Do not believe it would look well on a breed of Orpington size or shape.

BUCKEYES:—6 cocks, 8 hens, 12 cockerels, 11 pullets, 1 pen. Geo. W. Weed, Judge. The competition in this variety has always been stronger at the Boston show than any other exhibition of the year and this season was no exception. There has been a marked improvement in color and uniformity of type as shown by this year's Boston class. The first prize cockerel belonging to Chas. R. Wheeler of Manchester, Conn., was a very attractive specimen. Breeders of Buckeyes have been wise in endeavoring to establish an individuality for this breed rather than to lean towards the Rhode Island Red.

#### LEGHORNS

S. C. BROWN LEGHORNS:—12 cocks, 7 hens, 12 cockerels, 7 pullets, 4 pens. After the strong classes of S. C. Browns that have been shown at the Greater Buffalo, Chicago and Madison Square Garden, it was an added satisfaction to find at Boston another display of exceptional merit. It is further evidence that new interest is being taken in this variety which in days gone by shared honors with the Barred Rocks as the two leading popular varieties.

At Boston, Grove Hill Poultry Yards, Wm. Ellery Bright, Proprietor, F. G. Cook, Superintendent, Waltham, Mass., made the big winning. On three entries in the cock class won 1st and 2nd; on two entries in hens, 1st and 3rd; on three entries in cockerels, 1st, 2nd and 3rd; on one entry in pens,

1st. The first prize cockerel, the Champion of the class, was regarded by Brown Leghorn breeders at the show as being the best bird of the variety ever shown. An illustration of this bird by Artist Schilling appears

**Authorities Pronounce**  
**Jacobus -- JA - CO' - BUS**  
**Campines -- KAM' - PEENS**  
**JACOBUS CAMPINES - O. K.**

## FRENCH'S POULTRY MUSTARD

*The Original Poultry  
Mustard*

Don't accept counterfeits. Write

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The R. T. French Company,

Dept. B,

Rochester, N. Y.

## ROCKLAND WHITE ROCKS CHAMPIONS OF THE SOUTH

Won at Baltimore—1, 3 & 4 Cockerel; 1, 4 Pullet; 2 & 3 Hen;  
2 Pen. Grand sale of Cockerels now on—\$5 up. Pullets, \$3 up.

ROCKLAND FARM, D. Lee, Prop., Box 2, BENSON, MD.



## 1889 The Twenty-Fifth Anniversary of the Park's 1914 Strain of Bred-to-Lay Barred Plymouth Rocks

A record we are proud of. Not alone to the number of years "that in reality makes this the oldest Laying Strain of to-day" but to the success that has crowned our effort. Not only in our hands but with our customers, as last month's ad proved. These World's records were the result of all these years of careful selection, trap-nesting, pedigreeing, and scientific matings. We point with pride to our Jan. 1914 show winnings in five states. Not that we claim a show bird strain, but that our *bred-to-lay strain* is good enough for ordinary competition.

SELECTED EGGS \$5-15, \$8-30, \$11-50 \$20-100. PLACE YOUR  
INCUBATOR \$2-13, \$6-45, \$12-100. ORDERS EARLY

Eggs scientifically packed "not boxed" arrive in hatchable condition. Chick Circular Free. Large new 40-page catalog, a dime,

J. W. PARKS,

Box W,

ALTOONA, PA.



on page 362 of this issue. While it shows his splendid type, fine head points and grand style, it fails to show his remarkable richness of color. The winning of Grove Hill at this show was one of the most complete wins that has been made by a breeder of this variety at a national show in strong competition.

**R. C. BROWN LEGHORNS:**—3 cocks, 6 hens, 3 cockerels, 4 pullets. R. N. Rollins, Judge.

A number of Madison Square Garden and Greater Buffalo winners were shown by Turtle Point Farms, Saratoga Springs, N. Y. W. M. Anderson was in charge of their exhibit.

**S. C. WHITE LEGHORNS:**—16 cocks, 25 hens, 22 cockerels, 25 pullets, 9 pens. J. H. Wolsieffer, Judge.

Competition in this variety was red hot as was sure to be the case with entries from such well known breeders as Bonnie Brook Poultry Farm, Saratoga Springs, N. Y., Rancocas Poultry Farm, Brown's Mills, N. J., Dictograph Farm, W. Nyack, N. Y., Skylands Farms, W. Springfield, Mass., Everlay Farm, Methuen, Mass., and others.

Rancocas Poultry Farm, Brown's Mills, N. J., M. L. Chapman, Manager, won 11 regular prizes including 1st and 2nd hen, also special for best display. This farm is probably the world's largest breeders of S. C. White Leghorns. At Brown's Mills, N. J., their plant consists of 350 acres where they have 20,000 head of stock. Mr. Chapman reported that the demand for stock and eggs was tremendously large, but that they were well prepared to handle business with the finest lot of breeders they had ever owned. In addition to S. C. White Leghorns they breed White Plymouth Rocks. Their season's record in this variety at the New York State Fair, the palace Show and Madison Square Garden, where among their prizes they won first on cockerel, is an unusually good one.

Bonnie Brook Poultry Farm, Saratoga Springs, N. Y., captured the blue ribbon in the strong cock bird class.

They also won 3rd and 4th in a class of 9 pens as well as a number of other regular prizes. Manager L. C. Bonfoey was in personal charge and said that they were well prepared to take care of orders both for stock, eggs for hatching and baby chicks. Their offerings in baby chicks are sufficiently attractive to make it worth the while of those who are intending to purchase to send for information and prices before placing their order. Bonnie Brook catalogue is a handsome 44 page affair that is well illustrated and contains a great deal of interesting and valuable information.

Harlo J. Fiske, W. Springfield, Mass., won 1st and 2nd pen. Mr. Fiske did not show cocks, cockerels or pullets. Mr. Fiske's birds are now at their new home, West Springfield, Mass., where he has made extensive preparations for a permanent poultry business.

Everlay Poultry Farm of Methuen, Mass., had a display pen of S. C. White Leghorns on exhibition to illustrate the Everlay Utility Type. The females in this pen weighed from four to five pounds each and were vigorous and

active. Everlay Farm advertises "The largest White Leghorn Farm in New England." They have 2,000 head of breeding stock and will be able to furnish 5,000 baby chicks per week. Their entries in the open class included three very fine pullets and also

**JNO. M. SESSIONS, Breeder and Exhibitor of Buff, Black White, and Partridge Cochins Bantams also Black Rose Comb Bantams** Winners at Hanover, Allentown, Hagerstown, Paterson, Grand Central Palace, Philadelphia, Madison Square Garden and Baltimore. First year showing. Stock and Eggs for sale. Yards. Pikesville, Md., Office. 28 Market Place, Baltimore, Md.

**For High BARRED ROCKS at Moderate Quality Prices** My birds will be mated January 1st and after January 10th I will have eggs for hatching. Write C. H. BOSCHEN, ASHLAND, VA

**KILL RATS & MICE**  
SCIENTIFICALLY  
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NOT A POISON  
HARMLESS TO POULTRY, DOMESTIC ANIMALS & MAN  
**PASTEUR LABORATORIES OF AMERICA**  
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**MEIRS' S. C. BROWN LEGHORNS** First prize winners at Madison Square Garden, Philadelphia, Allentown, Hagerstown, Scranton, Williamsport and other leading shows. At Easton, November, 1913, they won 2 cock, 1-2 hen, 2-4 cockerel, 2-3 pullet, no pens shown. 10 High class cockerels at bargain prices \$5.00 to \$10.00 each. 150 exhibition and breeding females for sale. Eggs from pens containing winners \$5.00 per setting. **C. O. MEIRS.** **BANGOR, PENNA.**

## BABCOCKS BABY CHICKS

**WHITE ROCKS   S. C. WHITE LEGHORNS   WHITE INDIAN DUCKS**

**CAPACITY 100,000 ANNUALLY**

Vitality Baby Chicks and Ducklings \$10 per hundred and up.  
Eggs \$5 per hundred and up. Fine illustrated catalogue free.

**BABCOCK PCULTRY FARM,   Box W,   FREDONIA, N. Y.**

**—TILTON'S DEEP WINE REDS—**

That have type, brilliancy and lustre. At Rockingham a clean sweep—1st and 2nd Cockerel, 1st and 2nd Hen, 1st Pullet and 1st Pen. Cup for highest scoring Cockerel, Rose and Single competing. At Weymouth 1st and 2nd Pen and highest scoring pair in American class. I have bred the blue ribbon winner at Boston, at Maine State show, at Memphis, Nashville, Rockingham, New York, Brockton Fair 6 times, at Chicago, at many other smaller shows, which places my Reds second to none in shape and color. They will breed more show birds to the 100 than any other strain. I especially invite those who have been disappointed either in stock or eggs to give me a try. I have scores of satisfied customers which is proof that they make good. **Stock and Eggs for sale.**  
**A. F. TILTON, S. C. R. I. Red Specialist,   ROCKLAND, MASS**

# Fiske's Single Comb White Leghorns

The World's Best Breeder of Exhibition Pen Single Comb White Leghorns, winning at *Boston, 1914*, First and Second Pens, on two entries, at the *Grand Central Palace, 1913*, First and Fifth Pens and at *Madison Square Garden, 1913*, Second and Fifth Pens. At *Madison Square Garden, 1912-13*, I won First and Fourth Pens. My winning at *Buffalo, 1913*, has never been equalled for I won every prize in the Single Classes, First and Second Pens and all Specials. Some of my other winnings are as follows: *Grand Central Palace, 1913*, First Cock, Fourth and Fifth Cockerels, Special for Best Shaped Male; *Madison Square Garden, 1913*, Second Cockerel, Third and Fourth Cocks, Fourth Pullet, Special for Best Headed Male, Special for Best Headed Female; also winning at the same time, the \$100 President's Cup for Display, same having been won three times, in 1910-1912-1913. If you wish to breed and raise your own winners, you must have some of my great birds or some hatching eggs to improve your stock. Beautiful Breeding and Exhibition Cocks, Hens, Cockerels and Pullets for sale at prices to fit the rich or poor. Besides being Show Birds, these birds are the greatest Layers on Earth. **EGGS** from the finest of *Exhibition Matings* in the World, \$1.00 apiece. **EGGS** from the *Greatest Laying Females* ever seen, \$10.00 per hundred, \$80 per thousand Baby Chicks by the hundred or thousand. Send for my catalog at once.

SINGLE COMB WHITE LEGHORNS AND NOTHING BUT SINGLE COMB WHITE LEGHORNS

**Harlo J. Fiske,   Box No. 1,   W. Springfield, Mass.**



a splendid exhibition pen that won 6th in a large class.

**R. C. WHITE LEGHORNS:**—A small class consisting of two cocks, 3 hens, 3 cockerels, 3 pullets, 2 pens.

Turtle Point Farm, Saratoga Springs, N. Y., won all the first and seconds in the open class and 1st pen.

**S. C. BUFF LEGHORNS:**—3 cocks, 6 hens, 8 cockerels, 13 pullets, 3 pens. An average class in numbers and quality. Breeders can make this variety much more attractive by paying stricter attention to head points which at the present time are entirely too large in size and coarse in texture. The males too need to show more style and station to have them equal the other Leghorn varieties.

**S. C. BLACK LEGHORNS:**—3 cocks, 3 hens, 5 cockerels, 4 pullets, 2 pens. J. H. Wolsieffer, Judge. A small class, but good quality.

Turtle Point Farms of Saratoga Springs, N. Y., who won the major portion of the awards at Madison Square Garden, also won here. Their entries were awarded four of the five firsts.

**R. C. BUFF LEGHORNS:**—1 cock, 3 cockerels, 1 pullet.

Ed. J. Turner of Springvale, Me., won 2nd with a single entry. Mr. Turner has been breeding R. C. Buff Leghorns for several years and has developed a good trade in stock and eggs.

But three Blue Leghorns and two Silver Leghorns were shown.

**S. C. BLACK MINORCAS:**—5 cocks, 6 hens, 8 cockerels, 13 pullets, 3 pens. The entries of Wm. A. Smith of Metuchen, N. J., carried all before them. Mr. Smith entered 11 birds in the open class and 1 pen, 12 entries on which he won 11 prizes. One entry was not placed which was due to the fact that one of his best hens died on the way to the show. His awards were as follows: 1st and 3rd cock; 1st and 3rd hen; 1st, 2nd and 3rd cockerel; 1st, 2nd and 4th pullet; 1st pen; special for best display, shape and color specials on both male and female, and championship male. Mr. Smith has bred single and R. C. Black and White Minorcas for years. He has decided to close out all but the S. C. Blacks to which he will devote his entire attention. For the coming season's egg trade he will have 43 breeding pens mated to produce high

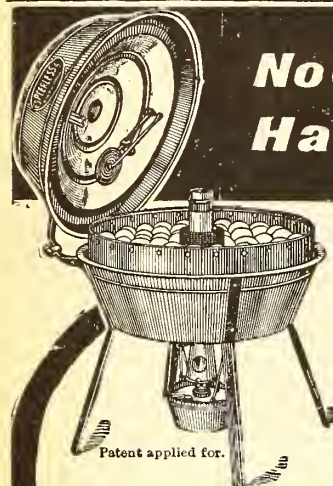
class exhibition birds and heavy layers. He has a big trade in baby chicks which he reports as being entirely satisfactory. Out of several thousand chicks shipped last season, only ten were reported dead on arrival. Mr. Smith guarantees safe arrival on all chicks that can reach destination in 48 hours. He is well equipped for the baby chick business, having a Hall Mammoth incubator of 4500 egg capacity. He has issued a new catalogue that he will be glad to mail to any person interested in Minorcas.

**R. C. BLACK MINORCAS:**—6 cocks, 6 hens, 10 cockerels, 5 pullets, and 1 pen. Richard Oke, Judge. Strong competition existed in this variety and some splendid birds were shown. T. A. McKittrick of Hudson, N. Y., made eight entries and won

### Empty Bags Wanted

Bags are in big demand. Don't throw them away—ship to us at once. We pay freight and remit highest market price. We are big—reliable. Your chance to turn useless bags into money. We buy all kinds—Oats, Corn, Mill Feed, Mixed Feed, Bran, Gluten, Suet, Chop, Dried Grains, Malt, Cotton Seed Meal, Alfalfa, Beet Pulp, Chix Feed.

**St. Louis Bag & Burlap Company**  
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## No Other Incubator on Earth Has the Features of This

**N**EW methods—new processes—new labor saving materials—these and 25 years' experience have made possible the latest addition to the great Peerless Blue Ribbon line of incubators—the little metal wonder, the "Peerless-60." No other incubator you have ever seen has the design and features of this. No other incubator you have ever used has given the results this is giving.

More than 11,000 of these incubators were ordered before one line of advertising appeared—months before the hatching season. Why? Because in design, in results, in economy, the Peerless stands unique—the climax of the genius of Sheer in incubator design. One poultryman, after test, ordered 50. With even just one Peerless Hatcher and a few feet of space in your back yard you can add \$150 to your income. Results—that's the answer.

This is the first practical, all metal, fireproof, everlasting machine ever produced. The first machine of its size with a perfect heating and heat distributing system. The first incubator ever produced alike adapted to the largest poultry raiser, and the beginner with one machine as well.

### Why the "Peerless-60" Is This Size

Experience has proven the small machine the most profitable. Nature knows that eggs to hatch must be newly laid. No man ever lived who could be sure of being able to place hundreds of eggs of equal fertility in a machine all at one time. The Peerless-60 is the absolute unit. Small enough to give the greatest efficiency. Large enough to give the greatest economy. Good enough so it will last for years—just add more units as the plant expands.

### Not a "Leader"

The Peerless-60 is not a bait to get you to answer this advertisement with the hope of selling you a higher priced machine. It's not a cheap machine designed to "get you interested." It is true that the price is absolutely unheard of. Never before has such a price been named on a highest grade machine, delivered—but remember the price is the price fixed by enormous production, new materials, new processes, new design. The Peerless-60 could be no better at ten times the price. Of no other incubator ever sold at anywhere near the price could this be said.

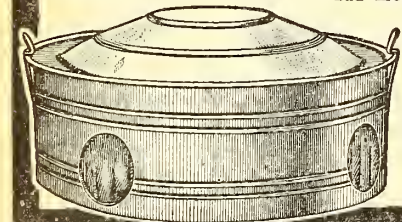
### Let Us Send You the Facts

We could not tell you in ten times this space all the facts concerning this revolution in incubators. We want to put these facts in your hands. Let us tell you the story of the Peerless-60, why and how it was produced, how it is made—the wonderful new application of the principles of artificial hatching. You are safe in sending your order now—today, but if you wish, write us for the whole story.

**The Peerless Brooder** all metal—  
fire-proof—  
heated but lampless by a simple device that gives no  
bother and keeps chicks healthy, comfortable and warm,  
no matter what the weather. It's of 60 chick capacity—  
a companion to the Peerless-60 Incubator. Here is the  
perfect brooder—the one you have wanted, for.....

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World's Largest Manufacturers of Incubator Supplies



## \$6.00 DELIVERED

### Special Introductory Offer

When you figure the cost of an incubator figure its cost set down. Figure the freight. The special introductory price of the Peerless is \$6.00, delivered to you. This offer is made to give the widest use to the Peerless in the least possible time. It may be withdrawn any time. Now is the time to secure the Peerless. Save the freight now. \$6.00, delivered.



seven prizes including 1st, 2nd and 3rd hen and 2nd cockerel. Mr. McKitt-rick's birds show good type, splendid color and fine head points. He is well prepared for the egg trade and has some surplus stock for sale.

A. M. Moody, Westfield, Mass., won 1st pen, 1st pullet, also 2nd cock, 4th hen and 5th cockerel. Mr. Moody has been breeding R. C. Black Minorcas for a number of years and usually manages to carry off his share of the prizes. We were pleased to make his personal acquaintance for the first time during the Boston Show.

**BLUE ANDALUSIANS:**—5 cocks, 3 hens, 7 cockerels, 5 pullets, 1 pen. H. P. Schwab, Judge. There have been more good birds of this variety shown this season than for a number of years past. It is a handsome fowl and attracts considerable attention in the show room.

**BLACK SPANISH:**—6 cocks, 12 hens, 18 cockerels, 15 pullets. Richard Oke, Judge. All the birds were shown by R. A. Rowan of Los Angeles, Calif., who besides Boston made big exhibits of this variety at Chicago and Madison Square Garden Show. The Boston entries included many of the birds that were at New York.

**MOTTLED ANCONAS:**—3 cocks, 6 hens, 6 cockerels, 9 pullets, 1 pen. Eugene Sites, Judge. A smaller class than was expected in view of the widespread interest that is being taken in this variety.

#### HOUDANS

**MOTTLED HOUDANS:**—20 cocks, 29 hens, 26 cockerels, 28 pullets, 11 pens. D. P. Shove, Judge. It was probably the largest and best class of this variety that has been shown in America. The officers of the Houdan Club are to be congratulated over the splendid display, which was probably the largest and best of the variety that has ever been shown in America.

Jas. Abernethy, of West Pembroke, Me., was the only exhibitor to win two firsts. He succeeded in landing the coveted blue on pen and hen. He did not make any entries in the cock and pullet classes. Mr. Abernethy also won first for the best dozen Houdan eggs with a plate of eggs that were the equal in color of either White Leghorns or the Campine. Mr. Abernethy said it is rare to find a tinted or colored egg in his nests. The Houdan is a prolific layer and show birds have laying qualities as well. Mr. Abernethy said that one hen in his first prize pen was the best laying hen that he owned.

W. F. Bast of Phillipsburg, N. J., won 1st and 2nd pullet and 2nd and 4th cockerel, also 6th pen. This was Mr. Bast's first entry at Boston and he is to be congratulated on his success.

Dr. G. G. Billman of Sullivan, Ind., was another successful exhibitor, winning 3rd and 4th pullet; 3rd cockerel, no cock or hens shown. Dr. Billman has been a successful exhibitor at Chicago and a number of other important western shows.

**WHITE HOUDANS:**—2 cocks, 4 hens, 7 cockerels, 7 pullets, 1 pen. D. P. Shove, Judge. The display of this variety, which is a new one, was

unusually fine. All of the birds were owned by F. D. Baerman, Dunellen, N. J., who originated this variety.

In company with Mr. Baerman we

went through the class. It was really astonishing to find the Houdan type and characteristics so well established. Nearly every bird had a fine beard and

**LIGHT AND DARK BRAHMAS** Won at Palace, New York, Philadelphia, Jersey City and Caldwell on 36 entries, 32 regular and 9 special prizes. List of prizes won and mating list free. Breeders, Baby Chicks, Hatching Eggs for sale, prices reasonable for highest quality. We also have **Rhode Island Reds**, **White Wyandottes**, **Barred Rocks** and **S. C. White and Brown Leghorns** as good as our Brahmans. **RIVERDALE POULTRY FARM, RIVERDALE, N. J.**

### AMERICA'S BEST WYANDOTTES—Silver and Partridge

Winners at New York, Hagerstown, Baltimore, and the Great Washington, D. C. Show. Both exhibition and breeding stock and eggs for hatching. Send 8 cents in stamps for descriptive catalogue and history of America's greatest breed.

**HENRY J. HUNT, 3rd,**

**Wyandotte Specialist,**

**BETHESDA, MD.**

### ROSE COMB BROWN LEGHORNS

First Prize Winners at Easton, Allentown, Bethlehem and Nazareth. None better. Some choice cockerels and pullets that can win, very reasonable. Eggs for hatching from pens containing winners \$3 per setting.

**FEHR & STROHL,**

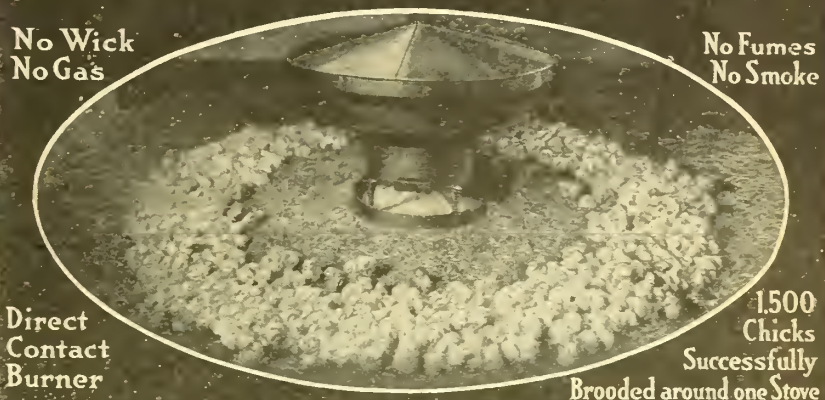
**R. R. No. 3,**

**EASTON, PA.**

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No Wick  
No Gas

No Fumes  
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## BROODER STOVE

### How Many of YOUR Chicks LIVE?

With a Simplex Brooder Stove you can actually RAISE 20 per cent to 50 per cent more chicks than by any other method—and save 75 per cent of your operating expense and 90 per cent of your time. Do you know as good a way to PROFIT?

You don't want to experiment—you want to know. Here's the KNOWLEDGE you want. The Canadian Government has done the experimenting. It moves slowly and surely. It has to know before it plunges, just as you are saying you must know. It tested all methods in every imaginable way and finally tied to the Simplex for all the Canadian Experimental Stations, increased the equipment and is planning to still further increase the number of Simplex Brooders at each Branch Farm.

The Simplex can be used in almost any room. It is built by experienced and practical poultrymen who originated it purely to raise their own chicks. They are offering it to others on the word of scores of users who are thankful for it. They have had it built right—not flimsy cheap construction nor expensive fuel upkeep. All the things you'd ask a neighbor who had one are answered in a perfectly frank catalog and this will be sent by next mail for a request on a postal.

#### HERE'S THE PROOF

The "Simplex" Eliminates White Diarrhoea. Read this letter, it proves that we know what we are talking about when we say the "Simplex" will prevent White Diarrhoea.

Chicago, Ill., April 9, '13  
**Simplex Brooder Stove Co.**  
Grand Rapids, Mich.

Gentlemen: Enclosed please find my check for \$29.50 in payment for Brooder Stove shipped me on the 7th. This is the second stove I have purchased from you this season, and of course the

last one is purchased because the first one is doing the work. The stove works entirely satisfactory, and does all that you claimed it would do. I believe you have solved the bothersome problems in brooding. The stove has entirely eliminated White Diarrhoea from which I suffered heavy losses, losing 50 per cent of my hatch. The losses with the stove have been very small.

JUDGE J. C. EVERETT,  
Farm at Holland, Mich.

**Dominion of Canada, Dept. of Agriculture,  
Central Experimental Farm,  
Ottawa, Canada**

**Simplex Brooder Stove Co.**

We have put in one or two more Simplex Brooders at several of the branch farms throughout the Dominion. Would like house plans and F. O. B. Grand Rapids prices.

V. C. EIFARD,  
Dominion Poultry Husbandman

### SIMPLEX BROODER STOVE CO.

221 Fourth Street,

Grand Rapids, Mich.

Sign your name and address below and Catalog and Letters will be mailed.



crest, pink legs and five toes. Mr. Baerman told us that the breed was originated from the Polish or Dorking and the Houdan and said: "It is the finest table fowl I have ever had. I have a good size flock, but will have only a limited number of eggs for sale." Mr. Baerman has originated another variety, the American Reds. He will sell eggs from both American Reds and White Houdans at \$1.00 each.

Another new Houdan variety, Blue Houdans, was exhibited. The birds did not equal either the Whites or Mottled in type or size. They were fair in color.

#### POLISH

**WHITE CRESTED BLACK POLISH:**—19 cocks, 23 hens, 17 cockerels, 17 pullets, 5 pens. Wm. Armbrust, Judge. This appears to be the most popular of all the Polish varieties, not only at Boston, but at other shows throughout the country. Nearly all of the best known breeders of the variety were exhibitors here and the result was a remarkable class for quality as well as numbers. The first prize cock was claimed at the catalogue price of \$100.00. The competition in Silver, Golden and White Polish, and Buff Laced Polish was limited to three or four exhibitors.

#### HAMBURGS

**BLACK HAMBURGS:**—12 cocks, 19 hens, 15 cockerels, 20 pullets, 4 pens. W. G. Minich, Judge. The class contained some birds of remarkable quality. The finest colored black fowls in the world are the Black Hamburgs. Perfection of the beetle green sheen is found in this variety as in no other. Color in the Black Hamburg female is what the breeders of Black Orpingtons and Black Minorcas have been trying to equal. A Hamburg comb, wattles and ear lobes more nearly approach perfection in the Black variety than in any of the others.

**GOLDEN SPANGLED HAMBURGS:**—7 cocks, 6 hens, 5 cockerels, 8 pullets, 1 pen.

**SILVER SPANGLED HAMBURGS:**—13 cocks, 21 hens, 19 cockerels, 25 pullets, 2 pens. The Golden Penciled, Silver Penciled, and White Hamburgs were small classes, but of good quality.

#### CAMPINES

**SILVER CAMPINES:**—3 cocks, 3 hens, 9 cockerels, 9 pullets, 4 pens. M. L. Chapman, Judge.

E. F. Dean, Williamsport, Pa., won 1st pen, 2nd cock, 1st hen, 3rd and 6th cockerel; 2nd and 5th pullet; a regular prize on every entry made, also special for best display. Mr. Dean's entries have been prominent winners at the club show at Philadelphia, also at Madison Square Garden and at Tampa, Fla., where they won all regular and special prizes offered.

M. R. Jacobus, Ridgefield, N. J., entered 1 hen and 1 pullet and won 2nd hen and 1st pullet.

G. L. Fish, of Wayland, Mass., made five entries and won 1st and 2nd cockerel; 4th and 6th pullet, and 3rd pen, a regular prize on every entry. 1st and 2nd prize cockerel shown by Mr. Fish were well marked, had fine type and can be considered among the

best birds of the variety that have been shown this season.

**GOLDEN CAMPINES:**—A small class, but of splendid quality.

E. F. Dean of Williamsport, Pa., won 1st cock, 1st hen, 1st and 2nd



#### COLOR'D BANDS

All colors, all sizes, Big Black figures on white back ground Samples 2c. stamp.

A. P. Spiller, Dept. B, Beverly, Mass

#### S. C. WHITE LEGHORNS

Am ready to furnish grand cockerels and pullets that will help you to win the blue. Also cocks and hens at prices that are sure to interest you.

E. B. DARROW,

Box W,

WILLIAMSPORT, PA.

S. C. BROWN  
R. C. BROWN

#### OUR LEGHORNS WIN

S. C. BLACK  
S. C. BUFF

At the Greater Buffalo Show, Thanksgiving week, in strong competition, we won four firsts, six seconds, one third, five fourths, two fifths. We can supply breeding or exhibition birds and have a large flock of Cocks, Hens, Cockerels and Pullets to select from. Eggs from winners \$5.00 per setting. Now booking orders for future delivery.

HENDERSON & BILLINGS,

Box W,

ST. MARY'S, ONT. CANADA

#### QUALITY WHITE WYANDOTTES

Winner championship of the state over all breeds won first and second pen, third cock, first hen, first cockerel, third and fourth pullets at New Haven's great quality show, 1912. Exhibiting three birds at New London won first cock, first hen, first cockerel. Showing but one cockerel at Albany's White Wyandotte show, won third place. At Guilford show, the official American Poultry Association show in this state, won the sweepstakes of the show and the state and the American Poultry Association gold medal for best cockerel in the state, also first and second cock, first and second hen, first and third cockerel and first pullet, showing but eight birds. Have won more than thirty specials outside of shape and color specials. Eggs sold from this stock in settings only at \$5 per setting.

C. S. SCOVILLE,

42 Thompson Ave.,

EAST HAVEN, CONN

WILLOW BROOK  
POULTRY YARDS

#### S. C. WHITE LEGHORNS

THE KIND THAT  
WIN - LAY - PAY

Bred for perfection in standard requirements combined with extraordinary egg production. Eggs \$2.00, \$3.00 and \$5.00 per 15; Baby Chicks 15c, 20c and 25c each. Special price on eggs and chicks in larger quantities. Remember it is important to order both eggs and baby chicks now. That will insure you of getting them when you want them. If orders are delayed until hatching season you may be disappointed. Capacity 20,000 Baby Chicks per season. Also cockerels for sale.

C. E. PEMBLE, Prop.,

Route No. 4,

PEORIA, ILL

#### DEMING'S CHAMPION STRAIN

#### SINGLE COMB RHODE ISLAND REDS

Winners of over 400 prizes the past eight years. During the season of 1912-13 they have won at Grand Central Palace, Madison Square Garden, Boston, Albany and other large shows. At the recent Madison Square Garden Show I won First on Pullet, Sixth on Pen. At the Garden Show, December 28, 1912 to January 4, 1913, won 3rd Pen and 4th Cock. Some superb matings this season. Eggs from exhibition matings \$10 per 15. Send for circular. Breeding and exhibition stock for sale at all times.

H. P. DEMING,

ROBERTSVILLE, CONN.

#### Knapp's Single Comb White Leghorns

*Buff Rocks, Buff Cochins Bantams, Pure (Cumberland) English Penciled*

*Indian Runner Ducks. Hackney and Shetland Ponies.*

*Stock always for sale.*

B. R. & O. A. KNAPP,

CORTLAND, N. Y.

#### CAMPINES WINNERS

Madison Square Garden  
Baltimore and  
Boston

Silver and Golden

Special Prize at Madison Square Garden for **Best Display**, both varieties competing. Clean Sweep at Baltimore, and at Boston, Six Firsts, Three Seconds, Two Thirds, One Fourth, One Fifth and One Sixth. I have made an enviable reputation at the smaller shows but note above **my birds were the greatest winners at the three greatest shows in America.** The birds which have made the above reputation are not for sale and will not be sold. They are now in my breeding yards, you have the same chance as I. And **Remember y u get what you pay for. Silver or Golden.**

My Prices for Eggs for Hatching are as follows:—Special Matings \$25.00 per 15 eggs, First Pens \$15.00, Second Pens \$10.00 and all other breeding yards 50 cents an egg. **Satisfaction Guaranteed. Send for Free Catalogue if interested.**

E. F. DEAN, Box F, WILLIAMSPORT, PA.



cockerel; 3rd and 4th pullet and 1st pen.

M. R. Jacobus of Ridgefield, N. J., won 2nd hen and 2nd pullet.

**BUTTERCUPS:**—9 cocks, 11 hens, 18 cockerels, 16 pullets, 7 pens. H. William Scott, Judge. A large class with strong competition. This breed is still making progress. The Buttercup Club is going to apply for admission to the Standard of Perfection. Undoubtedly the breed will be benefited as soon as they are admitted.

**FAVEROLLES:**—2 cocks, 2 hens, 3 cockerels, 2 pullets, 1 pen. H. P. Schwab, Judge.

The White and Salmon varieties competed together. Dictograph Farm, F. M. Turner, West Nyack, N. Y., proprietor, entered four White Faverolles and won 2nd cock, 1st hen, 2nd cockerel and 1st pullet. Mr. Turner is enthusiastic over the future of the White Faverolle, which he believes will be a popular breed when it becomes better known.

#### CORNISH

A class of Dark and White Cornish numbered 12 birds. The White Laced Red Cornish saved the breed at this show. The class consisted of 11 cocks, 15 hens, 8 cockerels, 13 pullets.

#### WATERFOWL

Excepting Indian Runners, the entries in the duck classes were very limited. In Pekins, White Birch Poultry Farm, Bridgewater, Mass., won 2nd on old duck, 1st on young drake, and 2nd on young duck. Rouen Ducks: 1st old drake, 1st old duck, 1st young drake, 2nd young duck.

#### RUNNER DUCKS

Three classes were exhibited, the Fawn and White, the English Penciled and the White.

The best birds for type were the White runners shown by Crockford of Bristol, R. I. Mr. Crockford made three single entries and won 1st old drake, 1st young drake, and 1st young duck. The first prize young drake had wonderful penguin type with great depth and width of body. First prize young duck owned by Mr. Crockford had a grand head.

Mr. Crockford is American agent for J. Donald, Wighton, England, who made three entries in the English Penciled class winning 1st young drake, and 1st young duck. First young duck was of the beautiful Fairy Fawn type of color marking instead of the regulation penciling. This Fairy Fawn marking is entirely new, the ground color of the feather is of a soft brownish fawn, distinctly marked with oval shaped spangles of a darker brown shade. A similar shaped spangle is also at outer end of feather. This feather pattern varies somewhat in the different sections of the body, but in a general way, the appearance resembles a light brownish color regularly penciled with darker color, making a very interesting and entirely original color type.

Competition in Turkeys and Geese was decidedly strong especially in the latter. White Birch Poultry Farm of Bridgewater, Mass., entered four Embden and won 1st young gander, 4th young goose, 5th old gander, 4th old goose.

#### DRESSED POULTRY AT BOSTON

The Boston show has been the pioneer in the endeavor to create interest and make popular a dressed poultry display. The usual classes were provided this year, no entry fees were charged and through the courtesy of the Massachusetts Society for Promoting Agriculture, liberal prizes were offered. A splendid display resulted and attracted considerable attention.

Both the Massachusetts Society for Promoting Agriculture and the Massachusetts Agricultural College are doing good work in behalf of the Poultry Industry. Surely there is an op-

portunity, for in the display of the Agricultural College we noticed a placard with this reading: "Massachusetts consumes \$25,000,000 in poultry products, it produces \$5,000. There is room for you in the poultry business."


February A. P. W. referred to the Utility Poultry Display at the Boston

Huston's "Ideal" Barred Plymouth Rocks are proving their ability to win at Poultry Shows all over this broad land. Look up their new records made this year at Hagerstown, Md., Allentown, Pa., Williamsport, Pa., and Harrisburg, Pa. I can sell you breeding cockerels at \$3 to \$10, females at \$2 to \$5. Write me.  
JAMES T. HUSTON, Box L, WILLIAMSPORT, PA.


**R. C. Black Minorcas Exclusively**  
WINNERS at all leading shows in America. Have won more 1st and 2nd at Madison Square Garden than any other exhibitor or breeder. Show and breeding stock for sale. Mention A. P. W. T. A. McKITTRICK, Hudson, N. Y.

**W. J. Caines, Box 64, Richmond, Va.**  
SPECIALTY JUDGE  
All varieties of CORNISH and GAMES.  
Correspondence Solicited.

## HOLMWOOD'S COLUMBIAN ROCKS



AN ESTABLISHED STRAIN of healthy, vigorous, prize winning birds, raised on *free range*. Our latest winnings—Buffalo, Jan. 1914 of 1st, 3rd and special hen; 1st and special cockerel; 1st pen; 2nd pullet special for Best Display is proof of quality—if more is wanted visit our yards, seeing is believing. No stock for sale—A limited number of Eggs at \$3 per 15. MASON H. HOLMWOOD, ORCHARD PARK, N.Y.



## HILLDORFER'S CHAMPION JUMBO S. C. BLACK MINORCAS

**The Greatest Prize Winning Strain in the World**

FOR years my birds have won highest honors in the hottest competition at the largest and best shows in America, including Madison Square Garden, Chicago, Cleveland, Pittsburgh and Hagerstown.

**The Finest Display of S. C. Black Minorcas the World Has Seen**

was the American Black Minorca Club show held at Pittsburgh, January 17-24, 1914. Here in competition with 243 birds exhibited by leading eastern and western breeders, Hilldorfer Champion Jumbo Strain was awarded as follows: **1-2 Cocks; 1-3 Cockerels; 3 Hen; 1-3-8 Pullet; 4 Old Pen; 3-7 Young Pen**, and the following specials. Cup for best display, Cup for best winning in the largest class in show, all varieties competing. Gold Special best 2 Cocks. Gold Special best 2 Cockerels, Gold Special best 2 Pullets.

**STOCK FOR SALE and EGGS! EGGS! EGGS!**

IF you are in need of new blood to produce the type and color, that will win in the show room, or to increase egg production or stamina in your birds, I can furnish you stock that will please. Hundreds of birds to select from, and my prices are reasonable. My matings for 1914 are the finest in the land. Send for Catalogue and please mention A. P. W.

**HILLDORFER BLACK MINORCA FARM, SAXONBURG, PA.**

Geo. E. Norman, Mgr., Butler Co.

## Prudhomme's Campines Winners

for the price in the world. Why pay more? Send for descriptive booklet, compare quality vs. price. Please mention A. P. W. Having won 24 Firsts, 8 Seconds, 12 Thirds, 7 Fourths and 2 Fifths in hot competition at 6 representative shows the past season, my stock is better than ever, my prices lower than ever. I offer absolutely the best

DR. J. H. PRUDHOMME,

Deak B,

THURMONT, MD.



Show, the first exhibit of its kind ever held. The classes were arranged and judged by Prof. J. C. Graham of the Massachusetts Agricultural College, who used the following Standard in placing his awards:

#### UTILITY POULTRY STANDARD Disqualifications

"Specimens having the following defects, shall be disqualified and debarred from competition for a prize:

- 1—Crooked backs.
- 2—Very crooked breast bone.
- 3—Diseased in any form.
- 4—Two pounds below Standard weight.
- 5—Wry tails.

#### SCALE OF POINTS

Weight or size.....	10
Condition .....	10
Head .....	10
Neck .....	5
Wings .....	5
Back .....	10
Tail .....	5
Breast .....	15
Body .....	10
Legs and toes.....	5
Skin .....	5
Color including eye.....	10

100

#### DESCRIPTION AND SUGGESTIONS TO EXHIBITORS

**Weight or Size:** Inasmuch as weight is an important factor in market poultry, 10 points have been allowed for it. It must not be understood that this item represents only one-tenth of the value of a market bird. It is of much greater importance than that, but the disqualification clause takes care of a portion of this value. There is no reason why breeders of market poultry should not keep their stock up to standard weight at least. These weights are given under the classification that follows and will not be repeated here. Size should be considered as well as weight. In other words, an exceedingly fat bird is not necessarily a large one, so the general frame of the bird should be considered.

**Condition:** Condition has to do with practically three things: The general health of the specimen, as shown by its appearance; cleanliness, or its fitness in general for exhibition, and the plumpness as determined by the amount of flesh it carries. Birds with colds, or running at the nose, or having pale faces or combs should not be placed on exhibition. Also those with scaly legs, bumble foot, emaciated to any extent, or plumage matted or soiled, have no place in the show room. The exhibitor should endeavor to have his birds clean, free from vermin, and in good flesh.

**Head:** From many points of view the head of a utility bird is not considered extremely important, but from other view points it is extremely so. The head is not only a fine index to the general health of the specimen, but shows its alertness, vigor and snap. Again, if the head is over large it increases the waste portion of the dressed specimen, and if it is too small and refined it indicates lack of vitality. The best specimens should have a medium sized head with a short, stubby beak (which denotes strength), fairly well curved, a short face, or short from the eye to the end of the beak, broad between the eyes with comb set well upon the head, and fairly thick, especially at the base, and standing up well. The eye should be of good size, bright, clear and snappy. The face should have a good,

healthy color. Long, slim beaks and crow headedness denote weakness, also lopped combs in many instances, so such specimens should be avoided. This does not refer to Mediterranean

and Dorking females whose combs naturally lop. The combs of Rose Comb varieties should set square on the head and be of medium size. Neck: This portion of the bird

## PRATT'S BOSTON WINNERS

C. W. PRATT.

## BUFF ROCKS

VIERHELLER BROS.,

## WHITE ROCKS WHITE WYANDOTTES

If you want style, type, size or color in White Rocks or White Wyandottes, I can furnish it. My birds have been winners at Madison Square Garden, Boston and the Great Brockton Fair. At Boston, 1913, 1st and 3rd cockerel. Boston, 1914, 2nd and 6th cockerel, 4th pullet. Have some large, vigorous cockerels for sale, that will help you if you are looking for improved type, early maturity and laying qualities. Eggs from the finest matings \$5.00 per setting. I guarantee satisfaction or no sale. Send for mating list.

NORTH ABINGTON, MASS.

## VIERHELLER'S SUNBURST STRAIN

at the two last meetings of the American Buff Rock Club our Sunburst Strain have won the Club Championship Cup for best cock, hen, cockerel and pullet.

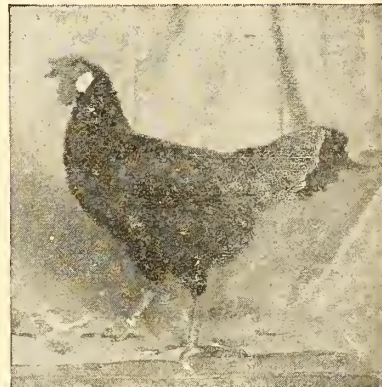
AT CLEVELAND, DECEMBER 3-7, 1913

at 1913-14 Club Meeting we won more firsts than all competitors combined. 1st pen, 1st cockerel, 1st pullet, also special for best display and other awards. EGGS for hatching from the finest matings ever put together \$3.00 per setting and up. Send for mating list.

71 Sylvania Ave.,

PITTSBURGH, PA.

## First Cock and First Hen at Madison Square Garden, N. Y. December, 1913

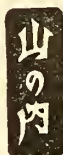


From untouched colored photographs

## YAMA MINORCAS

have beaten all competitors each year since our first exhibit in N. Y. in 1909. Our winners were bred here and eggs for hatching from them and hundreds of other good ones \$10 for 15. Utility hatching eggs of same blood \$3 a setting. Satisfaction guaranteed or money refunded.

Send for mating list.



**YAMA FARMS**  
NAPANOCH, N. Y.

NEWTON COSH, Manager of Poultry Department



should not be too long, but fairly short as such a neck indicates strength and will also cut down the waste, as it is not considered a valuable part of the carcass. The neck should be well curved bringing the head well back over the front part of the breast so as to give the bird as compact an appearance as possible.

**Wings:** The wings of market birds should be short and held well in place. As a large portion of the wings is waste material, the shorter and plumper we can get them, the better. Split and twisted wings are inherited and should, therefore, be avoided.

**Back:** The back should be broad and straight, not only, broad across the shoulders just back of the neck, but the breadth should be carried back to the tail. One of the great weaknesses of birds is the narrowing of the back from neck to tail. Avoid the double pitch-roof type back. As it forms a frame work of the body of the bird, it is extremely important. Again, the reproductive organs lie below the back and we want them to have plenty of room. The back should be long, as well as broad, but we do not want the length to be out of proportion to the breadth of the bird and give the bird a narrow appearance. This reference to long backs does not mean that Wyandotte and Orpington breeders should try to breed long Rock backs.

**Tail:** The tail should be of medium length, well spread and carried neither too high nor too low. When the tail is carried too high, it makes the bird appear short and sawed off behind, and when carried too low, it gives it a droopy appearance. Most of our varieties look best carrying their tails at an angle of about 45 degrees.

**Breast:** From the market or utility point of view the breast is the most important part of the bird, as it contains more meat proportionately than any other part. It should be deep, round, full, broad and of good length. Avoid those birds that have narrow, sharp, or flat breasts, and that are cut up too much just in front of the legs. A bird having a full crop must not be mistaken for one with a full breast.

**Body:** Body used in this sense includes those portions of the real body of the specimen exclusive of the back and breast; in other words the sides, underline, and the back part below the tail, or what is termed the fluff. In the body, then, we must look for depth and length as the back and breast govern the breadth, or thickness. To measure the depth, place the end of the thumb on the middle of the back just back of, and underneath, the wing, and allow the fingers to pass down the side to the keel. We should look for great depth at this point. A side view of the bird should show the body extending well back of a verticle line passing through the knee joint. This gives the specimen a well balanced appearance, and also gives us a large frame upon which to put meat. The underline should be

fairly straight, and specimens whose abdomen sags or appears baggy should be avoided, as this shows a tendency to break down.

**Legs and Toes:** The legs should be fairly short in a good market specimen, also stout and set well apart. Such legs are evidence of sturdiness and vigor. They should be of good color, orange or yellow, except in those varieties which naturally have black, slate, white or pinkish white legs. The toes should be straight and strong.

**Skin:** The color of the skin is important in a market or utility specimen. Most of our best markets demand an orange or yellow skinned carcass. This, therefore, should be sought by the breeder of yellow skinned varieties. A good yellow leg is usually indicative of the color of the skin.

**Color:** Other things being equal, the best colored specimens should be chosen. The demand among utility breeders, for better colored specimens is becoming greater each year because of the great demand for breeding stock and eggs for hatching, and the person who has stock, as described above, with at least some color added, has the best opportunity to sell birds for breeders and eggs for hatching. It is not to be expected that the utility breeder will "go to seed" on color. What he wants primarily are meat and eggs, but color of feathers should be a factor in

the selection of exhibition specimens.

The foregoing points are in keeping with the requirements as set forth in the Standard of Perfection, and are applicable to all of our common breeds and varieties.

#### DUCKS

The head and neck should be of

Line Bred For Ten Years

"PEERLESS"

Buff Wyandottes

"THE GREAT WINTER LAYERS"

Get your eggs from a strain that has a reputation for "Quality and Efficiency." Yearly records 175 to 242 eggs per hen. If you once breed "Peerless" Buffs you will never be satisfied with any other strain. "It is better to have "Peerless" Strain than to wish you had them." Send for our catalogue. It's free.

MAPLE VALLEY POULTRY FARM

G. R. Siegrist, Prop., Cincinnati, Ohio

11 West Street, Station U.

## LITTLE'S ROSE COMB REDS

If you wish to improve your strain, send for mating list. Eggs or Stock.

GEORGE W. LITTLE, 700 Washington St., SO. BRAINTREE, MASS.

## White Rock Cockerels

Choice breeders, farm raised, large and vigorous, pure white and true to type. Prices reasonable. Remember my stock has won highest honors at New York State Fair, Rochester, Utica, etc., and are unexcelled for utility purposes. Book your orders now for eggs for hatching and baby chicks.

F. M. DODGE,

Route W,

FRANKFORT, N. Y.

## THE DICTOGRAPH FARM

(Formerly Ridge Egg Farm)

HOME OF  
THE ROCKLAND  
STRAIN OF

SILVER CAMPINES

— AND —

S. C. WHITE LEGHORNS

THE BIG  
EGG BIRDS

**OUR CAMPINES.**—As one of the original breeders of Campines in America we have by careful selection built up a strain of vigorous, quick-maturing birds that have the stamina necessary for prolific production of large white eggs.

**OUR S. C. WHITE LEGHORNS.**—For 25 years we have been carefully developing our strain and believe that we have succeeded in producing the greatest laying strain of these celebrated egg machine.

We still have a few choice Leghorn Cockerels that will make good breeders—our prices are reasonable.

### EGGS FOR HATCHING

Utility Leghorn Eggs \$10 per 100.

Silver Campine Eggs \$3 per setting up.

Selected Matings Eggs \$3 per setting up.

Circular and Record Cards FREE.

DICTOGRAPH FARM, K. M. Turner, Prop.,

WEST NYACK, N. Y.

## FERNBROOK FARM WHITE WYANDOTTES

MAMMOTH PEKIN DUCKS AND FAWN  
AND WHITE RUNNER DUCKS WIN

At the Big Albany Show, 1913, in strongest competition. At Madison Square Garden, December 1913, Our Pekins won 4 out of a possible 5 firsts. 1 Old Drake, 1 Old Duck, 1, 2, 3 Young Drake, 2, 3, 4 Young Duck, 1 Pen. All Specials except one. Grand Sterling Silver Cup for Best Pen, all varieties competing. Cash Special for Best Exhibit. Choice Cockerels and Drakes for sale. White Wyandotte eggs from exhibition matings \$3 and \$5 per 15. Utility eggs from greatest layers in existence \$10 per 100. Baby Chicks \$18 per 100. Pekin eggs from all star mating headed by 1st open and special drake and 1st pen drake \$10 per 11. Other New York and Albany winners \$3 and \$5 per 11. Utility eggs from mammoth stock \$10 per 100. Baby Ducklings \$25 per 100. Exhibition Runner Eggs \$3 per 12, \$5 per 100. Ducklings \$20 per 100. Satisfaction Guaranteed.

FERNBROOK FARM,

Arthur C. Bouck, Mgr.,

Menands Road, ALBANY, N. Y.



medium size and length. The back in Pekins should be nearly straight, long and broad, but in most of the other varieties such as Aylesbury, Rouen and Muscovy, slightly arched.



Chas. W. Pratt, N. Abington, Mass. for many years has been a successful exhibitor of White Rocks at the Boston Show. The above illustration shows one of his winners at the recent show. He has some surplus stock for sale at reasonable prices.

The breast in a good duck is deep, full, round and broad, and the body long, deep and round. The body should not touch the ground. Sagging, loose skinned breasts should be avoided.

#### GEESE

The head should be of medium size and not too long. The back should be very broad and long. The breast should be deep, round and full, and the body long and deep. The general shape of the different varieties of Geese will vary considerably, but size is of the greatest importance.

#### HOLMWOOD'S COLUMBIAN ROCKS

Beauty and utility are fully developed in the Columbian Plymouth Rocks. The Plymouth Rock is a breed that has been universally bred among American farmers for years on account of their utility values. The Columbian variety possesses all the good points of the other varieties of the breed, in addition they have the beautiful plumage of the grand old Light Brahma. Mason H. Holmwood, Orchard Park, N. Y., has been breeding this variety for a number of years and by selecting his breeding birds each year for both standard qualities and utility values, and growing his chicks on free range has succeeded in establishing an unusually fine flock of this variety. For the first time, he has decided this season to offer a limited number of eggs for sale, \$3.00 for setting of 15 eggs. For further particulars address Mason H. Holmwood, Orchard Park, N. Y., and mention AMERICAN POULTRY WORLD.

#### THE CRIMSON STRAIN

China Hanchett, Verona, N. Y., a successful breeder of Rhode Island Reds, has issued a six page folder describing his matings for the season of 1914. Also giving some information in regard to his stock, which includes his show record during the past season. It includes the New York State Fair, Rochester and Syracuse shows. The record made is a good one. Mr. Hanchett calls his strain the "Crimson Strain" and he will be pleased to send his circular to any reader of this magazine interested in S. C. Rhode Island Reds that will mention where they saw this notice.

#### WHITE MINORCA CLUB YEAR BOOK

The 1914 year book and catalogue of the American Single Comb White Minorca Club is now ready for distribution. The Club is in a growing and prosperous condition, having more than doubled in membership, and S. C. White Minorcas are making big strides in gaining public favor.

Vastly more S. C. White Minorcas have been exhibited this past winter than ever before. At the Palace, Coliseum, Kansas City, Pittsburgh, Washington and many other big shows large classes were exhibited. Send for this

catalogue and get better acquainted with this worthy fowl and those who breed them. C. Augustus Raschke, Secretary, Kingston, N. Y.

#### HILL HATCHERY "HEALTHY HATCHED CHICKS"

**Chicks**  
S. C. White Leghorns . 12½c  
S. C. Black Minorcas . 15c  
Barred Plymouth Rocks 15c  
Rhode Island Reds . . 20c  
White Wyandottes . . 20c  
White Orpingtons . . 25c

#### HATCHING EGGS

Fourteen Year's Experience; Correspondence Solicited.  
LOUIS V. HILL, 296 North Seventh St., NEWARK, N. J.

## AURORA COLUMBIAN ROCKS

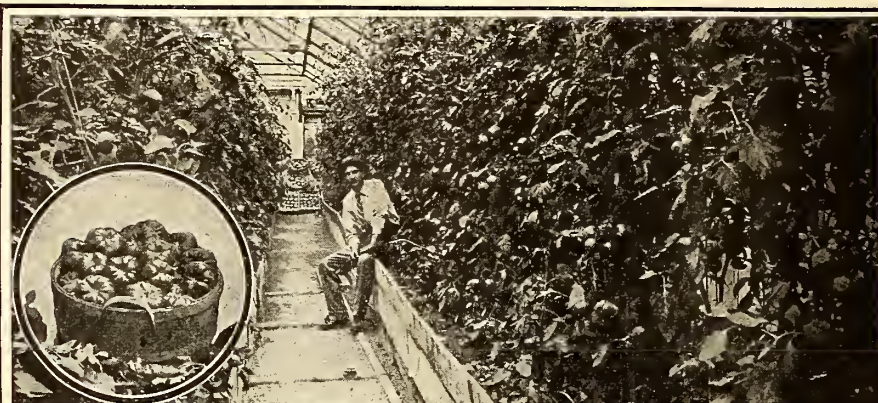


Winners at Madison Square Garden, January 1913 1 hen, 2-4 cockerel, 4 pullet. Greater Buffalo Show, Nov., 1913;—2-4-5 cockerel, 2-5 pullet, 2-3-4 pen, 5 cock, 5 hen.

AURORA COLUMBIAN ROCKS are grand winter layers, grow rapidly and meet the requirements of the best dressed poultry markets, also possess standard requirements that places them among the winners at leading exhibitions.

Have mated a few select pens for the season of 1914 and will spare a limited number of eggs at \$5 per 15; \$7 per 30. Orders booked and delivery made in rotation. If you want the best, write

**LEW H. BROWN, Box W, EAST AURORA, N. Y.**



Rowe Tomato Growing in the Greenhouses of Peter Smith & Sons, of Detroit, who harvested 11,500 lbs. from 2,000 plants

## \$2,000 Crop from 2,000 Tomato Plants

This is the remarkable returns secured by John DeBoer, of Kent Co., Mich., with our new early variety of tomato under ordinary care and cultivation. Mr. DeBoer planted in his hothouse some seed of our

### Rowe's Grand Rapids Market Tomato

and later transplanted 2,000 tomato plants out on a small patch of ground under the same conditions as his other varieties. He marketed \$2,000 worth of these big, luscious tomatoes—a record never before equalled in his experience.

This tomato is large and fine in shape, has a beautiful rich pink color and solid juicy-meat with but few seeds. The delicious flavor makes it a very popular market variety and it stands shipment well. A very early ripening tomato and a heavy yielder. Uniform in size—about one-half pound each—and nine-tenths of the whole crop, under proper care and cultivation, will grade as Fancy.

**FREE SEED OFFER** The seed of this tomato cannot yet be secured from anyone but us, as we control the entire stock. However, we will give a trial package of these seeds to each new subscriber to

**THE FRUIT BELT** The paper that is full of valuable information for fruit and vegetable growers. We will send this live, up-to-date paper to any address one year for 50c (Canada 75c) and the package of seeds comes FREE. Accept this offer now—you will enjoy eating the fine, luscious tomatoes as well as reading this practical and helpful agricultural paper. Send the 50c today. Use this coupon.

**THE FRUIT BELT**  
Box 36, Grand Rapids, Mich.

THE FRUIT BELT, 36 Hawkins Bldg.  
Grand Rapids, Mich.

Gentlemen—Enclosed find 50c, for which send The Fruit Belt one full year; also send free and postpaid, a packet of Rowe's Grand Rapids Market Tomato Seed.

Name \_\_\_\_\_

Postoffice \_\_\_\_\_

Route No. \_\_\_\_\_ State \_\_\_\_\_



## THE POULTRY EXHIBITION OF PITTSBURGH

By William C. Denny

(Continued from page 357)

number of birds were shown, while the winners were above the average quality found at shows outside of New York, Chicago and Boston. White Rocks are always a favorite at Pittsburgh and this year was no exception. Quality and number were strong. The annual meeting of the Columbian Plymouth Rock Club resulted in strong competition. F. G. Bean, Collegeville, Pa., who made practically clean sweeps at the Greater Buffalo and Palace Shows, was a big winner at Pittsburgh. Mr. Bean won five firsts, D. M. Green placed the awards.

Chas. D. Cleveland hung the ribbons on the Partridge and Silver Penciled Rocks. They were represented with good sized classes and quality.

White Wyandottes were one of the quality classes of the show, as might be expected with such well known exhibitors as Maurice F. Delano and Chas. D. Cleveland among the exhibitors. The class was judged by W. C.

Pierce who also placed the awards on S. C. and R. C. Rhode Island Reds. It seems unnecessary to commend Mr. Pierce's work as a judge as he is recognized throughout the length and breadth of the land as one of the half dozen most competent judges in America,—but in view of some of the existing differences of opinion in regard to Rhode Island Red color, we want to take advantage of the opportunity to say that we believe his work on the varieties of this breed at Pittsburgh could not have been improved upon, and this appeared to be the general opinion of the exhibitors in both the Single and Rose Comb Red classes. Mr. Pierce does not favor the ultra-dark colored birds. Such birds are never brilliant in color, the very thing that a Rhode Island Red should be. Furthermore, Mr. Pierce believes that in addition to shape and color that the size, shape and texture of the comb and wattles should be given important consideration.

Geo. W. Webb judged the Cornish and Waterfowl, while Theo. Hewes judged practically all of the classes that have not been mentioned above.

C. F. Rankin, proprietor of Schen-

ley Heights Poultry Farms, Pittsburgh, Pa., whose entries in Silver and Golden Campines, Single and Rose Comb Rhode Island Reds won a large number of blue ribbons at Madison Square Garden, Baltimore, Philadelphia and Palace shows, made a splendid record at Pittsburgh, winning six firsts in Silver Campines, four firsts in Golden Campines, three firsts in Rose Comb Rhode Island Reds, two firsts in Single Comb Rhode Island Reds. In addition to these, were numerous seconds, thirds, fourths and fifths. Mr. Rankin is well prepared to take care of orders for stock and hatching eggs. His breeding pens for the coming season will contain practically all of his numerous winners. He invites correspondence from persons who are interested in the varieties that he is breeding.

Morgan Bros., West Alexander, Pa., breeders of Black Langshans and R. C. Black Leghorns, entered at the Chicago Coliseum show instead of Pittsburgh, as has been the custom. They were successful in winning a number of prizes. At Pittsburgh Mr. Morgan told us that he had a surplus stock of both Langshans and R. C.

## Jim Rohan and Winners of Belle City's Eight World's Championship Hatches



Jim Rohan, Pres.



Mr. Geo. W. Black, Ind. Winner 1911



Mr. Wm. C. Schott, Iowa Winner 1913



Mrs. Laura J. Clark, Illinois Winner 1911



Mrs. Alta Hamlyn, Ind. Winner 1913



Mr. F. E. Bennett, Ohio Winner 1912



Mrs. F. H. Osman, Ohio Winner 1910



Mrs. M. J. Clifton, Ohio Winner 1910



"Tyces" Cup, won by the Belle City

## Write Today for My Free Book, "Hatching Facts"—It Means More Money to You

Get the whole story of these Championship hatches with the Belle City. Get the stories of thousands of men and women who are getting 100% perfect hatches. Satisfy yourself. This great book is free. Write for it today. No other incubator made, not even the highest priced.

approaches this amazing Belle City record. I have the letters of owners to prove it. Many of these letters are printed in my new book, "Hatching Facts." They tell you how Belle City owners are making the most money in the poultry business. You certainly want this book.

When you buy from me you get an exact duplicate of the prize winning

## Eight Times World's Champion Belle City

Used by Mrs. Alta Hamlyn, of Indiana, who joins the Belle City's list of World's Champions with TWO 100 per cent hatches scored by her Belle City Incubator in Successful Farming's 1913 contest. Mrs. Hamlyn says, "I can hatch every fertile egg in my Belle City, and regard your honesty the key-note to success." Also used by William C. Schott, of Iowa, who shares the 1913

honors. His 100 per cent hatch—140 chicks from 140 eggs—won another World's Championship for the Belle City in Successful Farming's 1913 contest. Mr. Schott writes: The Belle City is the best incubator made—has given much more satisfaction than high priced machines." Mr. Bennett was winner in 1912, Mr. Black in 1911, and Mrs. Clifton in 1910 Successful Farming contests.

### The Kind "Uncle Sam" Uses

I send you an exact duplicate of the Belle City machines chosen by the U.S. Government. The Department of the Interior is one of my customers. The Department asked for prices on 300-egg sized machines, but ordered my 110-egg Belle City machines, because even "Uncle Sam" wants to get Championship hatches, too. I send you an exact duplicate of the Belle City Hatching Outfits used by leading agricultural colleges.

I send you an exact duplicate of the Belle City Hatching Outfit that won the gold lined silver "Tyces" Cup and the Championship for Mrs. Osman and of the Belle City Outfit that won two World's Championships for Mrs. Clark, 140-chicks from 140-eggs, in Missouri Valley Farmer and Nebraska Farm Journal Hatching Contests—2000 hatches entered.

I will show you why I can send you my Belle City Incubators and Brooders at half or less than half that others cost you. You buy direct from me. I prepay the freight and ship quick from Kansas City, Minneapolis, Buffalo or Racine.

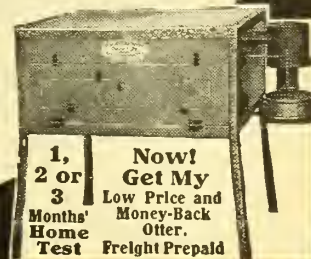
### Write for My Low Price—

me. You pay no agents' or dealers' profits, and my big volume enables me to cut my profits down lower than anybody else can afford, yet I guarantee them to outbatch any other machine, no matter what the price. I prepay the freight and ship quick from Kansas City, Minneapolis, Buffalo or Racine.

Don't delay writing for this great book—showing Incubator and Brooder in actual colors. Great big illustrations true to life—also description—full particulars, facts, proofs, everything you want to know. Also pictures of lots of my customers together with their letters showing what they have done. You profit by their experience. Even if you buy elsewhere I want you to have this book. Your copy is ready for the mail as soon as I get your letter or postal. Address: Jim Rohan, Pres.

**Belle City Incubator Company**  
Box 117, Racine, Wis.

No  
One  
Else  
Can Give  
You So Much  
Hatching Value  
For So Little Money



1,  
2 or  
3  
Months' Home  
Test  
Now! Get My  
Low Price and  
Money-Back  
Offer.  
Freight Prepaid



Black Leghorns for disposal at reasonable prices and that his matings for 1913-1914 were the best they had ever owned. Mr. Morgan is superintendent of the Wheeling, W. Va., show.

Maurice F. Delano, proprietor of Owen Farms, Vineyard Haven, Mass., made the remarkable record of winning 16 out of a possible 21 first prizes competed for, including six firsts in Buff Orpingtons, five firsts in White Orpingtons, 1st S. C. Rhode Island Red cock; 1st White Wyandotte Cock; 1st White Wyandotte hen; 1st White Wyandotte old pen; 1st White Wyandotte young pen. Mr. Delano reported a splendid sale of stock. During the past season he has supplied hundreds of winners for customers in all parts of the country. He is well prepared for the egg trade with a grand collection of matings. He is offering eggs from \$5.00 per 15, also baby chicks at 50 cents each. Mr. Delano's large catalogue and mating list will be sent on request if you mention A. P. W.

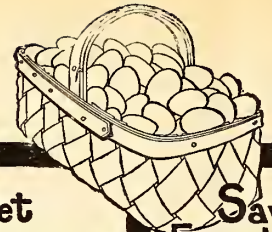
The S. C. Black Minorca class at Pittsburgh was undoubtedly the best that has ever been shown in America, or anywhere else for that matter. In the strong class Hildorfer's Black Minorca Farm made by far the best record, winning 1st and 3rd cock; 1st and 3rd cockerel; 3rd hen; 1st, 3rd and 8th pullet; 4th old pen; 3rd and 7th young pen. Specials for best display, for the best winning in the largest class of the show; special for best two cocks; special for best two cockerels; special for best two pullets. Mr. Hildorfer would have made an even better record had not some malicious person broken and mussed up the wing and tail feathers of his best cock bird, also the cock bird at the head of his old pen. Mr. Hildorfer was also unfortunate enough to lose one of his best hens before the awards were placed. The Champion Jumbo Strain as his birds are known has been remarkably successful in the show room winning first prizes at the large shows east and west. During the Pittsburgh show Mr. Hildorfer was elected president of the Black Minorca Club for the 6th successive term.

Chas. D. Cleveland, proprietor of Sunnybrook Farm of Eatontown, N. J., and secretary of the Madison Square Garden, New York show, judged the particolored Wyandottes and Plymouth Rocks, also the Buff Wyandotte pens. Mr. Cleveland was also an exhibitor in the White Wyandotte class in which he entered seven birds. His winnings were 1st and 7th pullet; 3rd and 4th hen; also special for champion female. As is well known, Mr. Cleveland also breeds Columbian Wyandottes. He made a clean sweep with this variety at the Greater Buffalo show, held Thanksgiving week. He will be pleased to

hear from all intending purchasers of the varieties he is keeping and to send his advertising matter on request.

Vierheller Bros., 71 Sylvania Ave., Pittsburgh, Pa., did not enter for competition, but had on display a pen of their Sunburst Strain of Buff Rocks. These birds were of splendid size, good regular type and a beautiful golden buff. They attracted a great deal of attention. Messrs Vierheller have been successful in winning the championship cup for the best cock, hen, cockerel and pullet shown by one exhibitor at the last two meetings of the American Buff Plymouth Rock Club. They have eight pens mated for the egg trade and will sell eggs for \$3.00 per 15 upwards.

Percy A. Cook, of Wm. Cook & Sons, Scotch Plains, N. J., was in personal charge of the large Orpington exhibit that won a number of prizes. He also furnished the beautiful display of waterfowl in the center of the hall. Mr. Cook informed us that he makes a specialty of furnishing rare land and waterfowl including



**Get Eggs Now**

You can make your hens lay and have eggs to sell now when eggs are high by using

**Conkey's Laying Tonic**

A Regulator and Tonic. Puts whole flock in condition. Satisfactory results or money back. 25c, 50c and \$1. In pails \$1.60 and \$3.

The G. E. Conkey Co., Cleveland, O.

**Save Fowls from Roup**

For sneezing, coughing or moping fowls put in the drinking water

**Conkey's Roup Remedy**

A Preventive and Remedy. Fowls take their own medicine. Keep on hand and save your flock. 25 cents, 50 cents and \$1.00.

\*\*\* Do not delay—Send today for a copy of our Clubbing Catalogue, it saves you money on your magazines \*\*\*

**WANTED** guaranteed three day old eggs for high class New York Market. Price \$11.50 and express. Higher or lower according to market.

**FOR SALE** Bronze Turkeys, spring hatched, prices from \$3.00 to \$7.00.

**SPRINGSIDE FARMS, 105 West 40th St., Tel. 7139 Bryant NEW YORK**

## IF I BUY BABY CHICKS WILL THEY MATURE INTO PULLETS LIKE THESE?



Will they grow into birds that I can feel proud of and that will lay Winter Eggs in quantities, or win the blue ribbons for me, or will they be just scrubs, that's the question before everyone who buys day-old chicks. It is not the first price that counts, but will they be right at maturity?

### Caldwell's White Plymouth Rocks (Fishel Strain) "Baby Chicks of Quality"

#### From Utility Matings

Will mature into long backed, well made birds, pure white in color, that will be the secret of "Winter Eggs". Every utility breeder is descended from known good layers that have been bred that way.

#### From Exhibition Matings

Will mature into blue ribbon winners. Every exhibition pen is made up of birds with good combs, of good type and chalk white in color, possessing blood lines of generations of Fishel blue ribbon winners. Our birds were among the principal winners at the Indiana Fanciers' Show, Indianapolis, 1912.

#### A New Catalog is Now Ready

One of the finest ever issued by any breeder. It tells just how "Baby Chicks of Quality" are produced and describes every grade of stock that we have to sell with prices. A copy is ready for you.

#### The Caldwell Selling Plan

not only arranges for the man who orders in advance but for the one in a hurry. Thousands of eggs are setting which will make possible DELIVERY OF ANY NUMBER ON SHORT NOTICE.

**R. C. CALDWELL, Box 102-A, LYNDON, Ross Co., OHIO**

## CROOKS' S. C. REDS

for best bird in show. Crooks S. C. Reds possess the best blood lines in America including Old Acres and Tompkins and if you want quality or utility stock I can meet your requirements. 25 Good Males and 150 Females for sale at remarkably low prices. Eggs from six select matings from \$1.50 to \$10.00 per fifteen.

**SUMNER G. CROOKS,**

**Box W,**

**LORAIN, OHIO**



pheasants, cranes, wood duck, Mandarin ducks, etc. He reported that trade in Orpingtons was unusually brisk and that he would be well prepared for the egg trade. Readers who have not had a copy of Wm. Cook & Sons' catalogue should not fail to send for it. It can be had on request if you mention AMERICAN POULTRY WORLD.

Aaron Fell of Perrysville, Pa., who was elected Secretary of the Red Breeders' Club of the World, at the club meeting held in Pittsburgh, breeds S. C. Rhode Island Reds and raises about 400 birds each year. He has some choice stock for sale and is offering eggs from six yards of carefully selected birds. Mr. Fell announced the election of the following officers and notice of the next annual meeting of the Red Breeders' Club of the World:

President—W. C. Pierce, Indianapolis, Ind.

First Vice-President—Reese V. Hicks, Topeka, Kan.

Second Vice-President—Maurice F. Delano, Vinyard Haven, Mass.

Secretary-Treasurer—Aaron Fell, Perrysville, Pa.

The Executive Board—F. L. Ober, Verona, Pa.; Oscar L. Miles, Columbus, Ohio; B. H. Scranton, Rising Sun, Ind.; E. L. Rankin, Pittsburgh, Pa.; C. L. Prefontaine, Fond du Lac, Wis.; Dr. Anson P. Hall, Oakland, Cal.; Robert Dunsire, Brandon, Man., Canada; H. A. Berg, Woodward, Okla.

The third annual exhibition will be held in Chicago in connection with the Great Mid West Poultry and Pet Stock Association show. The judges selected for the class in Chicago are James A. Tucker, of Concord, Mass., and A. F. Kummer, of Butler, Pa., the Rose and Single Combs to be equally divided between the two judges.

#### FAVEROLLE CLUB

Breeders of Salmon Faverolles are organizing a club to foster and advance the interests of that variety. It is intended to make application for admission to the Standard so that the breed may be included in the 1915 edition. Mr. W. W. Hall, 1067 Westminster St., Providence, R. I., a prominent breeder and exhibitor of the variety is acting secretary and invites the support and membership of all breeders of Salmon Faverolles. Mr. Hall will be pleased to furnish information in regard to the proposed club to all interested persons.

#### BLACK MINORCAS

Harold W. Gould, Lake Grove, N. Y., who has been breeding Black Minorcas for the past 12 years, wishes to announce that he has a choice lot of cockerels in both combs for sale. These birds have been carefully selected and will make extraordinary breeders. Mr.

Gould is one of the few that has succeeded in combining both standard and utility qualities in one strain and he makes the announcement in his winter sales sheet that his flock last year made a profit of \$3.86 per hen. He also has a show record that is proof of their standard qualities. He says, "Every bird is farm raised in open front houses and you can depend upon getting strong, healthy stock, birds that will improve your flock in every way, and which will give you a foundation that will insure your success in the future." He is also booking orders for hatching eggs for either variety and will be pleased to hear from all readers of this publication interested in Minorcas.

#### WILLIAMSPORT, PA., CLAIMS DATES

The Williamsport Poultry, Pigeon and Pet Stock Association have selected as dates for their 1914 exhibition, Nov. 17th to 20th, opening on Tuesday and closing on Friday. This will make their show come one week earlier than it has for several years past, and they trust that all their old exhibitors, as

well as prospective exhibitors, will take notice of the dates and get their chicks out accordingly. They feel that in their judges they are not surpassed by any show in the country, and that all exhibitors will be pleased to learn that Henry P. Schwab, Richard Oke, Charles Nixon, J. C. Punderford and F. I. Bradford have been selected as the judges. This season they will make an entirely new mailing list, and ask all prospective exhibitors to write for premium list. James T. Huston is President of the Association, but address all communications to the Secretary, George J. Hanks, 25 West Fourth Street, Williamsport, Pa.

#### S. C. Brown Leghorns

Our strain is famous the country over for the splendid size, handsome color and shape, and wonderful winning qualities, at such important shows as—Macon Square Garden, Chicago, Kansas City and many others; defeating all Eastern breeders. Send for free Illustrated Circular "Twenty-Eight Years With S. C. Brown Leghorn".

Williams Bros. & Brace,

Fullerton, Calif

#### MOORE'S SINGLE COMB REDS

Bred-To-Lay and Show, won 3 firsts, 2nd, 4th and color special at Washington, 1914. Great winter layers—best exhibition type. Guaranteed eggs, \$2 per 15, \$5 per 50, \$8 per 100.

CHARLES S. MOORE,

Write for Circular,  
Station A,

WASHINGTON, D. C.

#### BUFF ORPINGTONS

Darst's Imported Strain win at Ohio State Show seven prizes, Ohio State Fair all prizes, Cleveland Show 1912, two prizes on two entries. Stock and eggs for sale. Best eggs \$5.00 per 15.

C. N. DARST,

JACKSONVILLE, OHIO

#### WRAY'S WYANDOTTES WIN

SILVER, GOLDEN, WHITE, PARTRIDGE

New York, Boston, Chicago and Canadian show winners. Breeders for sale that have twenty five years winning blood to back them up. Get in line and be a winner next fall,

EGGS — \$5.00 per 15.

Cocks, Hens, Cockerels, Pullets.

THE WYANDOTTE YARDS OF CANADA, Box 194-W, LONDON, CANADA

#### ABERNETHY'S HOUDANS



#### BRED FOR QUALITY NOT QUANTITY

Winners of 1st Hen, 1st Pen at the Great Boston Show, Jan. 1914. We breed our winners and sell eggs from our best. Write your wants,

JAS. ABERNETHY, Box W, WEST PEMBROKE, ME.



#### DOUBLE QUICK GRAIN SPROUTER

THE PERPETUAL POULTRY SILC—Grows Green Feed While You Wait  
The First, the Original, the Pioneer of All Grain Sprouters

The Double Quick Originates and introduces, others imitate and follow. Fully 100 Double Quicks to every half-dozen of all others combined. Now in its fourth year; in use in every state and territory and several foreign countries; many large poultry farms use from one to five. "I am enclosing my check for two more of your No. 5, Double Quick Sprouters. The one I bought some weeks since is doing fine work."—C. H. Latham, Beauty and Utility Barred Rocks, Lancaster, Mass. "I ordered your No. 5 Double Quick Sprouter shipped to Maud L. Kaler, Columbia City, Ind. This one is proving so satisfactory that she wants another one of the same size and therefore you will find draft for this second sprouter."—Milo R. Meredith,



Built in 6 sizes from 1-4 bu. to 8 bu., for a few hens to 1,000.  
CLOSE-TO-NATURE CO.,  
48 Front St.,  
Coifax, Ia.

#### THE S. C. W. LEGHORN CLASS AT MADISON SQUARE GARDEN

this year, was the largest on record, and in a hot competition of 15 pens, we won 3rd PEN, also Laurelton SILVER CUP FOR NEW EXHIBITOR WIN. ING MOST POINTS, also D. W. Young SILVER CUP FOR BEST DISPLAY. We are improving right along on the famous Pine Top birds, and if you want honest treatment and some of the best stock obtainable, write, or visit our plant, if convenient. We have for sale at a sacrifice, 200 hens, 100 cockerels, 200 pullets. Everyone of these birds are strong and vigorous and wonderful layers, besides being of the same blood-lines as our winners. We GUARANTEE every bird. Eggs from best matings, \$5.00 per setting.

OVERLOOK POULTRY FARM,

E. C. Landers, Prop.,

WHITNEY POINT, N. Y.



## PETALUMA INCUBATORS

The Petaluma Incubator Company, Petaluma, Calif., and Indianapolis, Indiana, are among the pioneers in the incubator industry and many of the practical and successful ideas incor-

porated in the present day hatching machines were originated by them. One of their latest introductions is the Parcel Post Incubator, a complete hatcher with a capacity of 35 eggs, that will be mailed anywhere in the United States by Parcel Post upon re-

ceipt of \$6.00. They have numerous other models of various sizes and prices that are described in their free catalogue that will be sent to anyone addressing the Petaluma Incubator Company, Desk 16, Indianapolis, Indiana, or Petaluma, Calif.

# Don't Wait Another Day

## Start a Reliance Working for You This Week

By special arrangement with the publishers of  
**American Poultry World**

we are granted permission to print our Order Blank in this advertisement so that everybody can get one of our famous Incubators, Brooders, Sprouters without a day's delay or unnecessary correspondence. For instance, send us

# \$5<sup>75</sup>

enclosed with order and we ship you immediately our 150-egg Reliance Incubator, backed by our Special Guarantee. No waits, no trouble or letter writing.



**Guaranteed**

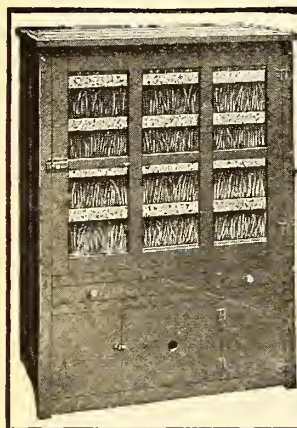
To Hatch as Many Chicks as any \$15 or \$20 Machine

Fully Equipped  
No Extras to Buy

# 1914 Reliance Incubator

Nothing like this has ever been offered before. We are the first manufacturers to print an order blank in a publication and bind ourselves, in the order, to make good our claims or refund money as per our guarantee. Read our Four Big Bargains. Take your choice of No. 1, 2, 3 or 4. See how much you can save. And, remember, when you get a Reliance, you get an incubator that lives up to the manufacturers' guarantee. It practically runs itself; it requires very little oil for a big hatch and it hatches every hatchable egg put on the egg tray.

The Reliance is a new model—a 1914 machine—and because of its perfect construction and improved regulator system, it is sure to become the hatching sensation of the year. You or any one can be sure of success with it. Even beginners can get best results—even to 100 per cent hatches—by merely following the simple directions sent with each machine.



## Big Bargains in Reliance Grain Sprouters

Biggest money-maker for poultrymen since the invention of the modern incubator.

Reliance Sprouted Oats will cut feed bill in half; will keep hens laying all winter and increase egg yield over 50 per cent; will make and keep fowls healthy, sturdy and promote their growth.

Order direct from ad on guarantee of satisfaction or money back. Safe delivery guaranteed. Sprouter comes to you ready for use. Order to-day.

### Prices of Sprouter

No. 1, for 25 to 40 hens,	\$ 5.00
No. 2, for 75 to 100 hens,	7.00
No. 3, for 150 to 200 hens,	8.50
No. 4, for 200 to 350 hens,	11.50

The Reliance is guaranteed to make chicken-raising pay big profits. No losses, no repair bills, no extras to buy, no waste of oil. Better order yours—incubator and brooder—right now from this ad.

The 1914 Reliance is made of best lumber. Side walls and top are made of three thicknesses—cold can't get in, heat can't get out. Equipped with best regulator, thermometer, egg tester, lamp, egg trays. Beautiful finish, handsome steel legs.

Full description, circular matter, incubator and hatching facts sent free on postal request or with order.



**Here's Your Order Blank. Use It.**

## 4 Big Bargains

**Bargain No. 1**  
70-Egg Incubator Guaranteed **\$3.90**

**Bargain No. 2**  
150-Egg Incubator Guaranteed **\$5.75**

**Bargain No. 3**  
70-Egg Incubator **\$3.90**  
70-Chick Brooder **3.00**  
Total - - **\$6.90**

**Both for Only \$6.50**

**Bargain No. 4**  
150-Egg Incubator **\$5.75**  
150-Chick Brooder **3.00**  
Total - - **\$8.75**

**Both for Only \$8.25**

You can't go wrong buying a Reliance—either size, or in combination with brooder. Our guarantee protects your purchase.

Better order your incubator or brooder—or both—right now from this ad. You'll never get any other such offer. Use order blank below and save time and make money.

## Directions and Money-Making Literature Sent Free

with each machine. Safe delivery guaranteed. Machines come fully equipped—**NO EXTRAS TO BUY**. Machines come ready for use—**NOT KNOCKED DOWN**.

Order direct from ad and start an early hatch, but if you want particulars first, write and we'll send more proof of Reliance superiority.

Orders filled same day received. Address

**Reliance Incubator Co.**  
Manufacturers of Incubators, Brooders, Grain Sprouters  
**Dept. C 4, Freeport, Ill.**

## SPECIAL ORDER BLANK

RELiance INCUBATOR CO., DEPT. C4, FREEPORT, ILL.

Gentlemen: Please find enclosed \$ \_\_\_\_\_

for which please ship by \_\_\_\_\_

the article as checked below.

- |                                                                                                    |                                                                                                      |                                                   |
|----------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|---------------------------------------------------|
| <input type="checkbox"/> 1 70-Egg Incubator (Guaranteed) <b>\$3.90</b>                             | <input type="checkbox"/> 2 150-Egg Incubator (Guaranteed) <b>\$5.75</b>                              | <input type="checkbox"/> No. _____ Grain Sprouter |
| <input type="checkbox"/> 3 70-Egg Incubator and 70-Chick Brooder (Combination Price) <b>\$6.50</b> | <input type="checkbox"/> 4 150-Egg incubator and 150-Chick Brooder (Combination Price) <b>\$8.25</b> |                                                   |

Name \_\_\_\_\_

Town \_\_\_\_\_

Shipping Station \_\_\_\_\_

State \_\_\_\_\_

It is a condition of this order that the Incubator, Brooder or Sprouter I buy of you, give me perfect satisfaction and live up to your claims or you'll make good by replacement or refund the full purchase price.



**POULTRY SHOW IN TENT AT LIMA, OHIO**

The Lima Poultry Fanciers' Association of Lima, Ohio, held their ninth annual show during the week of January 15, 1914. In previous years they never have been able to secure a hall combining the necessary features of capacity, location and reasonable rent. Generally the attendance has been small caused by the location and for a show to be a success financially and for advertising purposes the attendance must be good. When the show room question was brought up, a number of suggestions were made and as it was impossible to secure a store room for the show the tent question was discussed. One of the members had some correspondence with a secretary of an association in the state of Idaho, who reported successful shows in a tent. This correspondence helped to turn the vote in favor of the tent proposition. The tent kept away some exhibitors but those who did show were more than pleased and promised a better exhibit at next show. Fortunately Lima possesses a large Public Square and a liberal city council who readily granted permission for space on the square. The dimensions of the tent were 50 ft. by 80 ft., put up and taken down by owner of tent for \$25.00. This also included rental for the week. Nearly 1,000 entries were made which was about the capacity of the tent. The brick paving made a first class floor, and was covered with several inches of sawdust. At first dampness from the floor was expected, but after the fires had been going for several hours it was noted that the atmosphere was as dry as some of the halls in which shows had been held. Four (4) ordinary gas heating stoves kept the temperature just right for the exhibits and the ventilation was ideal. During the week all kinds of weather was encountered, several times the temperature dropping very low, heavy snow and winds, all of which only helped to decide for tent shows in the future. The daylight was ideal and the judge was able to work in any part of the tent. The night lighting was by electricity and exhibits showed up nearly as well as by day. The admission was 10c. and the average daily paid admission were about 500.

**MRS. ANDREW BROOKS, R. F. D., AUBURN, N. Y.**

Mrs. Andrew Brooks, R. F. D.-6, Auburn, N. Y., who has gained much prominence as a breeder of Indian Runner Ducks, has sent us several testimonials, recently received from satisfied customers. In one we find the following paragraph: "I had six ducks hatch from the setting of eggs from you August 15. The last week in February they laid six eggs and from March 1st to July 1st six ducks laid 684 eggs and they laid all summer and fall until they began to moult."

B. F. W. Thorp, assistant editor Farm & Fireside, refers to Mrs. Brooks as follows: "Mrs. Brooks is a poultry breeder that can be depended upon to give good satisfaction to her customers. The poultry is bred on her own farm and her strain of ducks I believe to be the best of the Indian Runner stock in this country. Personally, I have secured from her, Barred Plymouth Rock stock which is first class in every respect."

It might be well to state that in addition to the Indian Runner Ducks Mrs. Brooks breeds a heavy laying strain of Barred Plymouth Rocks and these are what Mr. Thorp referred to above. A customer who had purchased Barred Rocks from Mrs. Brooks writes to her as follows: "You may recall that I bought six pullets from you several years ago. They were such

healthy birds and laid so well and such fine large eggs that I would like some of your chicks."

Readers of this magazine interested in either Indian Runner Ducks or Barred Plymouth Rocks would do well to get Mrs. Brooks' circular before placing an order for either.

**\* \* \* Reds! Reds! Reds! Our new book "The Rhode Island Reds" is the most complete and authentic treatise on this breed ever published. Send seventy-five cents and secure a copy \* \* \***

**EGG CASE INVENTION FOR SALE**

My rights for sale on the Safest, Smallest, Lightest Parcel Post and Setting Egg Case yet invented. No packing of any kind needed. For particulars address **ROBERT MASON, LAWRENCE, MASS.**

**WHITE ORPINGTONS International Champions WHITE ROCKS**

Two pens each very select, will spare a few eggs.

**HIGHWORTH POULTRY YARDS, LONDON, CANADA**  
Fred A. Andrewes, Proprietor

**WHITE PLYMOUTH ROCKS**

Highest quality, utility stock, finest show stock. Cockerels for sale, \$3.00 up.

Eggs from Pens No. 1 and 2, \$2.00 per 15; from my finest show stock, a few only at \$3.50 per 15. Satisfaction guaranteed. Order early.

**THEODORE POOLE, Emma St., SYRACUSE, N. Y.**

**ANDERSON'S R. C. RHODE ISLAND REDS**

Again win at Central Palace Show and Greater Philadelphia. six regular prizes besides shape and color specials. A grand lot of youngsters to dispose of that will improve your flock at right prices.

**ANNESLEY M. ANDERSON, Box W, MORTON, PA.**

**FIREFLY WHITE BABYCHICKS! BABYCHICKS!**

We are making a speciality of *S. C. White Leghorn Day-Old-Chicks* and can furnish buyers with big, lusty, vigorous chicks that will live and grow. Our stock is right and our prices reasonable. Send for advertising matter before placing your order.

We also breed high class exhibition *R. C. Rhode Island Reds* and will spare a limited number of hatching eggs from pens containing our winners at 1913 New York Palace Show.

**R. C. REDS FIREFLY FARM, E. W. Phelps, Prop., Box S. GUILFORD, CONN.**

**Harter's Imperial "Golden" Buff Plymouth Rocks**

**Win Special for Best Display at the Great New York State Fair Sept. 8 - 13 - 1913**

Complete winnings were as follows:— 1 cock, 1-3 hen, 3 cockerel, 1 pullet, 2 pen old, 2 pen young. In a class of 115 said by breeders and judges to be the strongest class ever exhibited at the N. Y. State Fair. Do you want some of this quality? It will win for you. I have several hundred head of choice cockerels and pullets now fit for showing. Write me for prices and say when and where you wish to exhibit.

**NESCOPECK POULTRY FARM, S. H. Harter, Prop., Box W, NESCOPECK, PA.**

**A. B. C. AGAIN SUPREME**

At the Rochester Industrial, September 15-20, 1913. The A. B. C. Strain of S. C. Buff Leghorns prove themselves invincible. In a splendid class they win under Judge Bean: Cocks, 1-2; Hens, 1-2; Cockerels, 1-2; Pullets, 1-2; Pens, 1-2. \$10.00 in gold for best display in competition with all varieties in the Mediterranean class. Judges and breeders agreed that never had such a string of Buff Leghorns been shown by any other breeder. Showing the wonderful uniformity of type and color through my flock. 100 cockerels and pullets ready to go in the show room now. Free,—Illustrated Catalogue and price list.

**A. B. COX, 49 Thurston Road, ROCHESTER, N. Y.**

**Again We Win At The Great Mid-West Show, Chicago, 1913**

**21 Ribbons—2 Firsts, 4 Seconds, 7 Thirds, 6 Fourths and 2 Fifts.**

We are offering for sale hundreds of pullets, hens, cock birds and cockerels that are bred from these winners. Others that will win at the best shows in the country and make the finest of breeders. We have mated for the Egg and Day-Old Chick trade—40 breeding pens, consisting of all the winners, so can supply you in any quantity. Remember we have the quality pens of the country. As stated before you can order from us by making payment and the balance monthly. Price and Mating List free. Catalogue 5 red stamps.

**EDGE MONT POULTRY FARM, W. O. Chase,**

**Box Z,**

**HILLSBORO, ILL.**



**THE "CHASE"**





**NIAGRADOT WHITE WYANDOTTES**

Ever since Niagara Falls has been known to the world great numbers have visited every year this scenic and wonderful spot to see the mighty cataract forever tossing its tons of water to the gorge below.

To the breeders of White Wyandottes another feature of interest is now to be found in the high quality White Wyandottes bred by Marshall & Marshall, whose plant is passed by all who go round the gorge on the car line. A. P. Marshall, who looks after the poultry, lives at 447 River Road on the Canadian side, just a minute's walk below the Falls. This makes it possible for any fanciers visiting the Falls to look up Mr. Marshall and inspect the birds.

Mr. Marshall tells us the trade has been good in stock and the letters received from customers show that they have been more than pleased. He looks for a fine egg trade. The flock is in grand shape, producing fertile eggs that are producing chicks with lots of kick in them.

Their last win at Niagara Falls in a good class was almost a clean sweep. It was as follows: 1-2-3 cocks, 1-2-3 hens, 1-3-4-5 cockerels, 3-4 pullets, 1-2 pens.

They have issued a fine mating list and catalogue, which it would pay anyone interested in White Wyandottes to have. They will send one to any who write and mention AMERICAN POULTRY WORLD.

**ARMER'S BUFF ROCKS**

For the season of 1914 Fred Armer, Buff Rock Specialist of Ballston Spa, N. Y., has mated up several selected pens containing his prize winners at such shows as New York State Fair, Madison Square Garden and Albany, N. Y. Mr. Armer's policy is: "It is not how many but how good," and that he has good ones is demonstrated by his winnings at Madison Square Garden, 1913, of 1-3 cock; 1-4 hen; 1-4 pullet; 3rd pen. He has no special matings and does his own breeding from the pens from which he sells eggs. As he has mated but five pens for the season of 1914, he will be unable to supply but a limited number of eggs, therefore those who desire to secure quality in Buff Rocks, via the hatching egg route, should place their order early to avoid disappointment. Drop Mr. Armer a card today and ask for his mating list, this will give you a good idea of the quality in his fine matings this season.

**JACOBS' GOLDEN WYANDOTTES**

We are advised by Chas. Jacobs, St. Louis, Mo., breeder of Golden Wyandottes, and an advertiser in these columns, that through a misunderstanding he was advised that he had won first cockerel at Chicago and included this winning in his advertising in the February journal. He has since learned of the error and wishes to advise readers that his bird was not awarded first prize and he deeply regrets that he had made claim to the award in his advertising. Mr. Jacobs is a dyed-in-the-wool fancier that does not wish any honors he is not entitled to and takes this way of advising readers of this publication of the error.

**TILTON'S REDS**

S. C. Rhode Island Reds that have type, brilliancy and luster is the way A. F. Tilton, the S. C. Rhode Island Red specialist, Rockland, Mass., describes his Reds. Mr. Tilton has been breeding Reds for years and has established a strain that is winning prizes for his customers at leading exhibitions in all sections of the country. He will be pleased to hear from those who desire to secure Reds of the better sort and feels that he can please them with quality in either eggs for hatching or breeding stock. Drop him a card today for prices and further information.

**S. C.—THE CRIMSON STRAIN—R. I. REDS** "Watch the Sunlight, glisten on those Crimson backs." The strain with quality, vigor and vitality. The strain that **pays its way and wins its way.** Look up my record this season at New York State Fair, Albany, Syracuse and Rochester, N. Y., Shows. Then if you want quality in Reds—Stock or Eggs for Hatching, write **CHINA HANCHETT, Box W, YARDS at Greenway, VERONA, N. Y.**

**PRUYN'S SILVER WYANDOTTES**

**WIN First Pen, First Cockerel, Special Best Silver Wyandotte Male, Fifth Hen at Grand Central Palace. Four Firsts, Four Seconds, Three Thirds, Two Fourths and Seven Specials at Yonkers. Send for mating list. Have some choice cockerels to spare.**

**JOHN W. PRUYN,****Gray Oaks,****YONKERS, N. Y.****CLOSE-TO-NATURE OPEN AIR HOVER***The Longest Portable Hover Now Advertised**Five Feet Long, Warmed Evenly by Heater on Inductive Principle*

Applies the three **Close-To-Nature** principles—**Contact Warmth** like the hen; **Open Air Ventilation**, not hot air; **Non-Piling or Overcrowding**.

Combines the **Fireless** with the **Lamp**, use the lamp for very young chicks and discard it as they grow older; or use the lamp during the daytime but extinguish it at night when they cluster for the night.

Hinged for easy cleaning out and airing. Roosting bed of earth or litter. Perfectly sanitary. Brooders on the same principles. Nothing like these brooders and hovers now on the market. Don't buy till you have read the **Close-To-Nature** circular. It is free. Very low prices this season.

**CLOSE-TO-NATURE CO., 48 Front St., COLFAX, IOWA****CHRISTIE'S S. C. WHITE and BROWN LEGHORNS**

Having been bred for fourteen consecutive years—represented all over the World—they stand today without an equal as egg producers, the foundation upon which all branches of the Poultry industry hinges. We have been shipping our S. C. WHITE and BROWN LEGHORN day-old Chicks and Eggs for hatching to all parts of the United States and foreign countries for ten years, and during this time we have shipped over 1,000,000 chicks and 800,000 eggs for hatching, and we have yet to find one displeased customer, a record attained by very few. Before placing your order, write today for our illustrated catalogue, and read what thousands of our pleased patrons say in regard to the **WORLD'S GREATEST LAYERS**. "Better be right than sorry". . . . .

**S. C. White and Brown Leghorn Chicks—\$15 per 100.****WAYNE POULTRY FARM****F. W. CHRISTIE, Prop.,****Box 67,****STONY POINT, N. Y.****Loomis White Wyandottes**

2nd hen, 2nd cockerel, 1st and 2nd pullet, 1st pen. Stock for sale at moderate prices. **E. W. LOOMIS.**

Won at Providence, R. I., 1913, Show 1st cock, 1st and 3rd hen, 3rd cockerel, 1st pullet, 1st pen. At Southern Massachusetts Show 1st and 4th cock, 1st and 2nd hen, 1st, 2nd and 3rd cockerel, 1st and 2nd pullet. At Woonsocket Show 1st and 2nd cock, 1st and 2nd pullet. Eggs from selected matings at \$3.00 and \$5.00 per setting of 15 eggs. **GEORGIATVILLE, R. I.**



# QUESTIONS AND ANSWERS

**EDITORIAL NOTE**—This department will be devoted to answers to questions of general interest on practical poultry topics asked by subscribers and addressed to Editorial Department, AMERICAN POULTRY PUBLISHING COMPANY, Stafford Bldg., Buffalo, N. Y. Answers in this department are free of charge. Where two or more persons ask substantially the same questions, only one answer will be given. In asking questions try to send full information. The subscriber's name and address must be given [not for publication]. If a reply by mail is desired, be sure to enclose stamped addressed envelope.

## SEEKS PROTECTION FROM THE UNSCRUPULOUS

**Q.** Can you advise me how to protect myself from unscrupulous people who buy eggs from me at market prices presumably for household use and will then set eggs and hatch them? I am a small breeder for my own enjoyment and I offer eggs for hatching at a fair price, but they will not give me anything for my efforts, try to secure my strain of fowl by unfair means. Is there no way to prevent eggs from hatching thus sold? T. H. M., Michigan.

**A.** I believe that if I were in your place I would keep a pen of hens or pullets with which no male bird was permitted and when my neighbors came for eggs I would have them specify hatching or table eggs—if the latter give them the eggs from the sterile pen. Mate only what breeding birds you think you will require for your own and customers use and if there is any surplus from these pens use them at home or send them to market. It is said by pricking a hole in the large end of the egg with a fine needle that it is rendered unhatchable.

C. J. S., Ohio, see above question and reply.

## HOW MANY HENS ON ONE ACRE

**Q.** I am a reader of AMERICAN POULTRY WORLD and a beginner in the poultry business and will appreciate very much your opinion in answer to the following question: How many hens could be allowed to range on one acre, when the production of eggs is the chief object, and still not be crowded enough to kill the grass? Or in preference, would you advise the alternate plan, that is, making two runs and allowing one to freshen up while the other was in use? If the latter plan is used will it not cut down the number of hens and likewise egg production?

**A.** There are various conditions that would affect the number of fowls to be kept on one acre without totally or partially destroying vegetation,

among which is the nature of the soil. We all know that a better turf is secured upon some soils than upon others. Climatic conditions would also exert some influence as in localities where protracted dry spells were common, the turf or grass would be greatly affected. To be conservative, I should say 250 head under ordinary conditions and a greater number

under favorable conditions. I would prefer, however, to divide the space into two half acre plots and use them alternately. This method under proper conditions should not reduce the number of fowls to be kept or affect the egg production.

(b) As some eggs are heavier than others do you think that in time they will be sold by weight in place of by the dozen? J. C. H., Ohio.

**A.** At different times there has been some agitation along this line, but so far it has not been seriously considered. There is no doubt that selling eggs by weight would be the more equitable way, but it is a hard matter to change established trade customs and before such a change is effected there will have to be organized effort in all market or trade centers.

## PULLETS MOULTING

**Q.** In several flocks here under different conditions, late hatched pullets are moulting now. Can you explain why such is the case? J. F.B., Penna.

**A.** To fully answer this question it

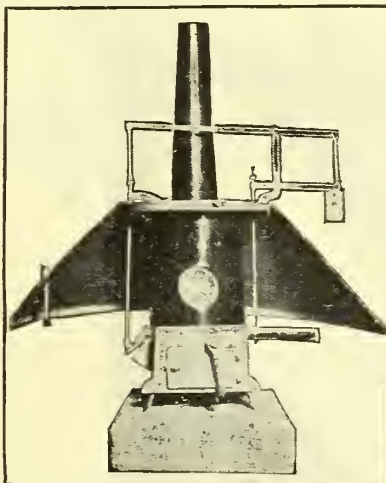
## SUNNY SIDE STRAIN SINGLE COMB WHITE LEGHORNS

Have been bred for years on free farm range from carefully selected matings, and stand today as second to none, in **constitutional vigor, standard requirements and egg production.** Reputations have been made with this line. Don't you want its assistance?

I have for sale 20 choice breeding cocks—20—at \$5 to \$15, also several utility cockerels at \$3 to \$5 each. 50 Utility Pullets, many now laying at \$1.50 each. Sunny Side Leghorns have an interesting show record. One of these males will add quality to your flock. Write your wants today.

G. L. WHEELER, Box W, PENN YAN, N. Y.  
ORIGINATOR SUNNY SIDE S. C. WHITE LEGHORNS

## MACKAY COLONY BROODER



Section of Hood showing construction of Stove.

The Last Word in Brooder Construction,  
**EFFICIENCY And ECONOMY.**

Absolute regulation of temperature. Equal distribution of heat. No foul air.

Coal Consumption a scuttle in 24 hours.

Distinctive Features:—Stove made entirely of cast iron, therefore long lasting. Fed from on top through a hopper; no chance of coal clogging. Only stove with top and bottom drafts which, in conjunction with inside damper are regulated unerringly by our special thermostat.

If you have brooder troubles, or want to start your brooding with certainty of success, WRITE US.

MACKAY COLONY BROODER CO., Box 34, BORDENTOWN, N. J.  
Bonaparte Park Poultry Ranch.

# SILVER CAMPINES

Winners at the Greater Buffalo Show, 1913, Allentown, Pa., Fair Show, winning futurity stake and Philadelphia winning in strongest class shown 2nd cockerel. Booking orders from champion matings, \$10.00,

Special matings \$5.00.

W. C. D. FRANTZ,

Box W,

NEFF'S, PA.



would be necessary to know something of the conditions under which these pullets were kept. It is not uncommon for early hatched pullets to go into a winter moult, but it is rather unusual for late hatched birds to do so. Conditions under which they were kept and the manner of caring for them have probably had some influence in the case. It may be possible that these birds did not mature until after the arrival of cold weather and are just fledging their chick feathers.

#### VERTIGO OR CONGESTION OF THE BRAIN

Q. I have a hen that throws her head back and keeps shaking it for a few minutes, sometimes she falls over. In a short time she gets up and appears all right for several hours, perhaps for half a day. I feed corn, wheat, buckwheat, brand and corn chop for a mash, keep oyster shell, ground bone and beef meal before them at all times. They also are allowed free range. Please advise what to do? G. H. H., Pennsylvania.

A. This is apparently a bad case of Vertigo. The best thing to do is to end her suffering by the use of the axe as cases of this kind seldom yield to treatment. Vertigo is a nervous affection and is the result of some abnormal physical condition, or it may be caused by sudden fright or an injury to the head. It is usually associated with a diseased condition of other organs and not infrequently is caused by a diseased condition of the oviduct or reproductive organs. Digestive disorders and internal parasites are also contributing factors. If you care to treat the hen, try applying cold water to the head during the attack. Keep the bird in a cool, quiet

place and give two teaspoonful of castor oil. If worms are noticed in the droppings give one teaspoonful of turpentine, which should be mixed with an equal quantity of sweet oil.

#### LIGHT COLORED YOLKS

Q. As a subscriber to your paper, I would like for you to tell me what can be done for hens to make the yolks of their eggs a deep yellow? Mrs. J. McA., Kentucky.

A. When hens show a disposition to lay eggs containing pale colored yolks, it usually signifies a lack of green food. I would advise that you supply your birds with steamed clover or alfalfa and if convenient give a few sprouted oats, mangles, etc. It would not do any harm if a little yellow corn was added to the ration.

#### INDIGESTION—FEEDING QUESTIONS

Q. I have in my flock of chickens a disease that seems to take the chickens one at a time, sometimes two months apart, they droop around and won't eat anything, their heads get colorless, I have never lost any with this disease yet. Now I would like to know the best way to get rid of it, for a remedy I have been using Permanganate of Potash, dipping their heads in it?

A. In all probability your birds are suffering from indigestion when the above symptoms are apparent. When you discover a fowl in this condition give 30 to 40 grains of Epson salts. This may be dissolved in



Among the many Black Spangled varieties of poultry being bred today, none can compare with the Black Spanish Booted Bantams recently imported into America by George Urban, Jr., proprietor of Urban Farms, Pine Ridge, Buffalo, N. Y. These little miniatures are being produced with wonderfully distinct markings. The ideal colored specimen requires each feather to be tipped or spangled with clear white throughout the entire plumage. The effect is wonderful when the ideal is approached, as the entire body plumage is covered with small distinct brilliant white spangles. This gives a regularity to the marking and the effect is much more beautiful than in the larger varieties where the standard requires that one out of every five feathers be spangled. The cock shown above is a good example of what this breed looks like and we venture to say they will become one of the most popular breeds of Bantams in America.—A. O. Schilling.



JEAN—1st Prize Hen, Albany, N.Y., 1912. Egg Record 281 Eggs. Score 98 Points.

## ONDAWA FARM WHITE LEGHORNS WIN PRIZES And LAY EGGS

Winners of silver cups, sweepstakes, first and special prizes at prominent eastern shows during the last twelve years and known the country over as "The leading strain of heavy layers".

My winnings at the Albany, N. Y., show held January 1 to 5, 1912, in the strongest class ever brought together at this show, were as follows: 1st cock, 1st hen, 1st and 5th cockerel, 2nd and 3rd pullet, 2nd pen old and 4th pen young, also the \$20 gold special for best exhibit of S. C. White Leghorns.

Eggs & Chicks from high class pedigree birds bred from trapnested hens at reasonable prices. If interested in the greatest winning and egg producing strain in America, send 10c for my beautifully illustrated 54-page catalog, describing my heavy egg producing strain and full of valuable information on poultry breeding, such as hatching, feeding, rearing, showing, etc. It gives over thirty photographs and many full page pictures of farm, houses and stock. If you are in the market for stock and eggs write me today. I have pleased hundreds, why not you? Address

**LEWIS T. McLEAN,**

Life Member of the National S. C. White Leghorn Club.

Ondawa Farm, Box 60, SHUSHAN, N. Y.



water, or given with a little soft food. If you prefer you may give a teaspoonful of castor oil in place of the salts. Do not give any food for the net 12 or 15 hours, after which a little soft food may be given, stale bread softened in milk is very good. It is useless to use Permanganate of Potash in cases of this kind.

Q. I have 43 hens and 3 cocks in my flock. In the morning I feed about half a gallon of mash (half wheat bran and middlings) as dry as I can mix it. In the evening about 5 o'clock I feed a quart of soaked wheat in litter, they have the scraps from the table of a family of three, their run is an acre. I only get from one to five eggs a day, please tell me how to feed to get better results and what to feed? Is beef scrap good to feed, and how much for my flock? W. A. C., Arkansas.

A. Your method of feeding is open to criticism and it is not surprising that you are not securing better results. Try feeding a quart of mixed grain in the litter mornings and give a mash at noon. This may consist of 100 lb. bran, 50 lb. middlings, 50 lb. corn meal, 50 lb. ground oats, 25 lb. beef scraps. In the evening give a handful of mixed grains to a bird. Try this method and see if results are not better.

#### FIVE ACRE POULTRY FARM

Q. I intend to start into the poultry business on a five acre farm near Cleveland, and wish to keep from 500 to 800 hens. I am undecided as to the kind and size of houses I should build. Could you give me any suggestions? What system of brooding the chicks do you think would be best for me to install? W. H. L., Ohio.

A. To get the greatest profits, I would advise that you go in for egg production and try and establish a private trade and make deliveries two or three times a week, or if you so desire, you could deliver eggs to customers daily by availing yourself of the parcel post. White Leghorns should be selected if you decide on this branch. 500 hens of this variety may be kept in a house 20x100 feet, another house would be necessary for breeding purposes, this could be somewhat smaller. I am not prepared to say which is the best method of brooding, but would suggest that you refer to the advertising columns and write the different advertisers for their literature, and study the strong points of each system and choose the one that you believe is most adaptable to your needs.

#### HOW MANY HENS

Q. How many hens should I be able to keep upon a lot 50 ft. x 50 ft., and what size house will I require? J. T. T., New Jersey.

A. The number of fowls you can keep successfully on the above plot will depend upon your ability as a poultryman, more than anything else. A house 12 ft. wide by 16 ft. deep, will be ample for from 50 to 75 birds depending upon the variety. You might proceed on this basis and if you find that you can successfully care

for more, the number and housing facilities can be increased.

#### EAGLE BAY MATING LIST

The 1914 mating list of the poultry department of Eagle Bay Farm, Silver Creek, N. Y., is now ready for mailing. We have a copy before us and it is a straightforward presentation of the Eagle Bay method of doing business. In the introduction we find the following sentence: "We offer you our best in eggs, stock and baby chicks, no extravagant bargains, but full values in every offer." That sentence is full of meaning and expresses their intentions in a forceful and business-like manner. The varieties bred are S. C. White Leghorns and Rhode Island Reds, both combs, and both eggs for hatching and baby chicks will be sold from all matings. F. A. House, the manager, gives his personal attention to all orders and personally collects the eggs and packs all shipments. For well bred, well fed, clean, vigorous, healthy stock, address Eagle Bay Farm, Poultry Dept., Silver Creek, N. Y.

#### GORDON'S WHITE WYANDOTTES

With this issue Thos. E. Gordon, Brockport, N. Y., becomes an annual advertiser in AMERICAN POULTRY WORLD. Mr. Gordon is a specialty breeder of White Wyandottes and has been very successful in building up a strain that possess both standard and utility qualities. At the Flower City Show, Rochester, N. Y., December 15-20, 1913, he was awarded silver cup for best display besides many other regular and special prizes among which was included first pen young and 1st hen. He has a small quantity of both exhibition and utility stock for sale and is now booking orders for eggs for hatching. He will be pleased to send his 1914 mating list to all interested in the variety, who mention AMERICAN POULTRY WORLD when writing.

Are You Reading The Dairy Of A Commercial Hen?  
The Hatch Tested Out 90 per cent Fertile

#### THE COUNTRY GENTLEMAN

Five Cents the Copy  
of all Newsdealers

\$1.50 the Year  
by Mail

#### THE CURTIS PUBLISHING COMPANY

Independence Square,

Philadelphia, Pa.

#### KEELER'S WHITE WYANDOTTES

##### The World's Greatest Strain

Bargain prices on breeders during July and August. Special Sales List describing these Bargains. It's Free.

Chas. V. Keeler, R. F. D. No. 17, Winamac, Ind.

#### CROCKFORD'S

#### REAL WHITE RUNNERS

1913-14 winning Firsts at Brocton Fair, Providence, Grand Central Palace, Madison Square, Baltimore (Waterfowl Club Show) and Boston.

#### CROCKFORD, BRISTOL, R. I.

\* \* \* Send for a copy of our new Clubbing Catalogue, now ready for mailing \* \* \*

## The Best S. C. White Leghorns in America



1st Cock, Palace, 1912

Will, we honestly believe, be hatched from our matings this season. If you could see the marvelous quality in all our pens, you would say so too.

We entered in 23 classes in four shows this season, and won first in 20 classes and second in the other three. **We have won more firsts, specials and other awards, in the past four years at Grand Central Palace, New York, Boston, Hagerstown and Philadelphia, than all our competitors combined.** At the last Palace, New York, Show in what everyone conceded to be the strongest and best class of Leghorns ever exhibited in this country (don't

take our word for this—look up the comments in any poultry paper) **we won the display prize by over 1000 points more than our nearest competitor, besides Best Pullet and Display in the whole show.** Our stock has not only won for us; it has won for our customers in most every part of this country and Canada. **It will win for you.**

Buy your stock and hatching eggs from the breeder that produces the goods. "Actions speak better than words."

**We supply hatching eggs from the same pens as we hatch our winners from at the following prices:** 60 cents per egg from the first 10 pens, everyone headed by a champion male; 35 cents per egg from pens 11 to 20, each headed by a prize winner; 20 cents per egg or \$15 per hundred from other good pens, all headed by cracker-jack males. Send for catalog and mating list, and mention American Poultry World.

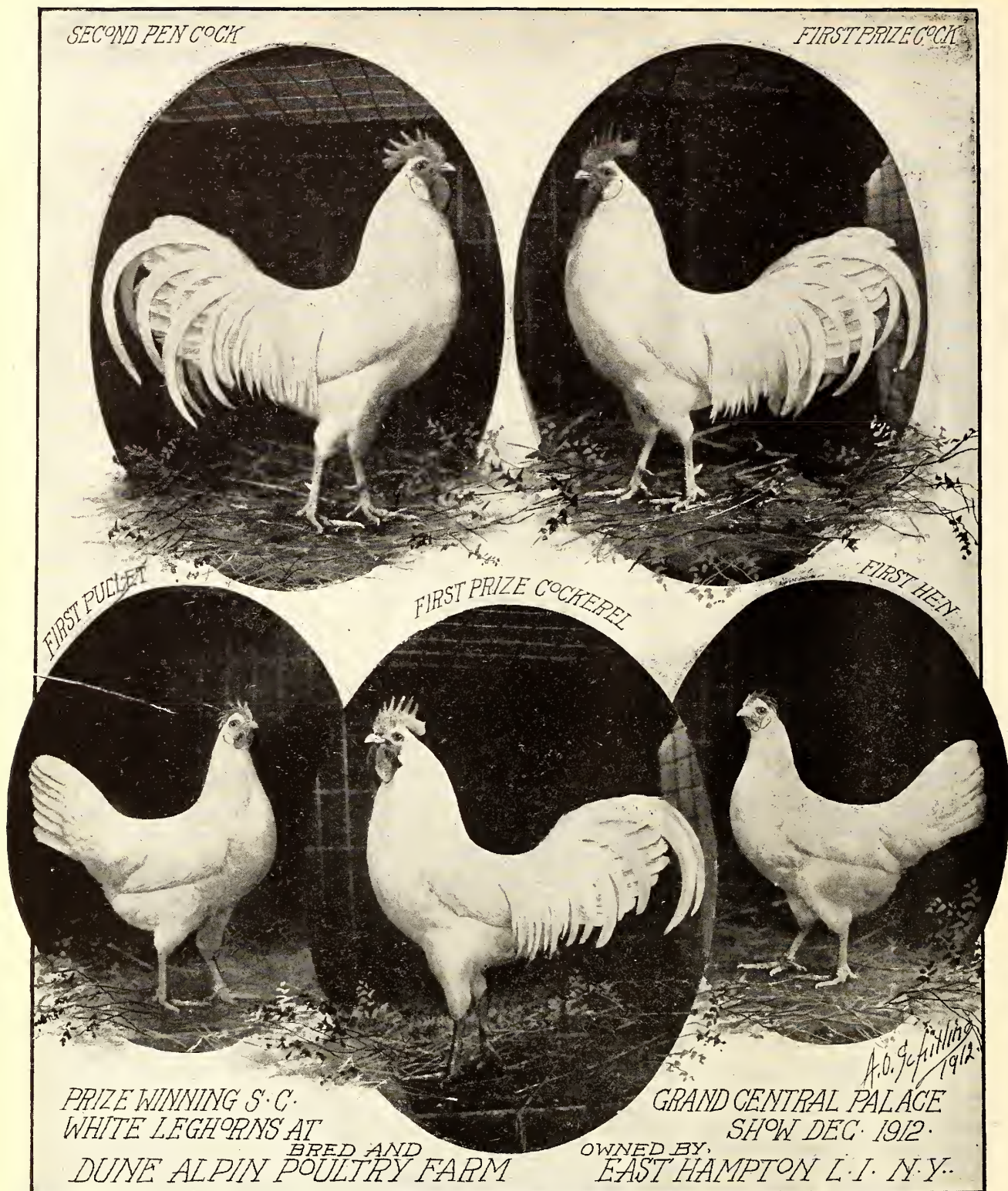
#### DUNE ALPIN POULTRY FARM

GEO. J. KERR, Mgr.,

Box 561-W,

EAST HAMPTON, N. Y.





A group of winning S. C. White Leghorn males and females bred and owned by Dune Alpin Farm, East Hampton, N. Y. In speaking of these winners, Artist A. O. Schilling said: "The above group represents a few of the choicest specimens shown at Grand Central Palace Show, and we feel at liberty to state that the first prize hen was one of the best we have seen to date". A large number of selected pens have been mated at Dune Alpin Poultry Farm this season and eggs for hatching are sold from the same matings they use themselves. For complete description of matings and prices write them today for copy of catalogue—it's free.



## THE GRAND OLD BRAHMA

By F. M. Prescott, Riverdale, N. J.

(Continued from page 347)

pullets do not lay until maturity at about eight months, while the other breeds get to laying two months and some occasional specimens three months sooner, but when the Brahma commences to lay she lays and nothing stops her but sickness or death. At this writing when all my breeds were laying, a sudden cold snap dropped the egg yield of the other breeds fifty to seventy-five per cent., while the Brahmas kept their pace not noticing the below zero weather.

Brahmas lay something after the manner of a duck, that is an egg a day throughout the litter and they lay big litters too, forty to sixty eggs before wanting to sit, and when they sit they make the best of sitters and mothers. No nervous fly-about breaking and soiling the eggs, but quiet and allowing you to handle them at will. They cover 15 eggs in the coldest of weather and bring off large hatches which they rear carefully.

Clipping wings to disfigure them as in the case of Leghorns and some of the other breeds are not necessary and a two foot fence keeps them easily confined.

As to the quantity of eggs Brahmas will lay in a year, I should say that in my experience 150 to 180 would be a good average of healthy birds kept in small flocks as that is the secret of big egg yields with Brahmas. Ten with a male is sufficient. Last year a pen of ten pullets laid in thirty consecutive days 254 eggs out of a possible 300, which would have meant an egg a day. Eight females to a pen will do better than ten and six better than eight, while the best result I ever had was one year when I kept four special pullets and a male penned together for breeding purposes; the entire breeding season those four pullets averaged three eggs a day.

The Brahma lays the largest and heaviest eggs of all breeds and there is little doubt but at the end of a year the weight of eggs laid by a Brahma will equal the weight of eggs laid by a Leghorn or any other egg machine.

In Boston where the brown shelled egg has the preference over the white shelled egg of the New York markets, this preference of the Bostonians is doubtless largely due to "Down East" being the home of the Light Brahma and they preferring that egg to the small white shelled varieties, many people believing that a brown shelled

egg has more nutriment than the white shelled ones.

Another excellent quality of the Brahma is good health—roup, bowel trouble, indigestion and that greatest of pests White Diarrhoea in chicks are practically unknown, while on the same plan other and tenderer breeds have their quota of hen ills.

I believe I raise a larger percentage of hatched Brahma chicks than of any other of my breeds and I lay it entirely to the excellent stamina of the breed. I also find that "once a Brahma breeder always a Brahma breeder" is perhaps truer of this than any other breed.

Every week brings inquiries from all over America from previous Brahma breeders who for one reason and another have dropped them temporarily and are anxious to get back to them again, and no matter how many breeds that person has bred in the past, when he is able to start in again the Brahma is the first one he starts with. There must be reasons for this and among them are the great utility,

## IVES' LANGSHANS "A GOOD STRAIN OF A GOOD BREED"

Consistent winners at the largest shows for many years. Elegant big COCKERELS NOW at very reasonable prices.

PAUL B. IVES, "Bonnycroft" GUILFORD, CONN.

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"LORDS BUFF WYANDOTTES"  
EGGS from the same matings as we use for ourselves \$5 and \$10 per setting. Send for mating list and winnings at the Big Albany, 1913, Show.

WHITNEY & McEWAN, ALBANY, N. Y.

## THE COMPLETE RECORDS OF THE 20 BEST BABY CHICK RAISERS IN AMERICA

That's the title of a book we want to send you—free. It tells in an interesting way how twenty people solved the problem of raising baby chicks successfully. These twenty live in different sections of the country and had to cope with varying conditions. Their stories are instructive therefore, as well as interesting. The book is free. Send for it today.

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Box 612C,

BROWN'S MILLS, N. J.

## POLEY BUFF ROCKS

300 Breeders at reduced prices for sale. Get catalogue and price list of same.

JOHN W. POLEY,

Box W,

LINFIELD, PA

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Send for our Shower Sale List, it contains many bargains that will interest you.

J. C. FISHEL & SON,

Box W,

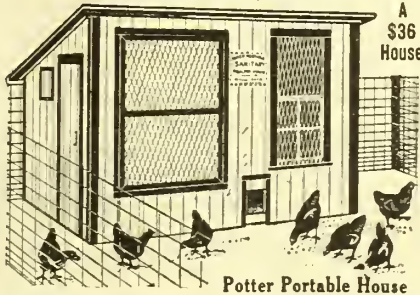
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Or Sell Your Laying Hens

Use the POTTER SYSTEM and pick out the layers from the loafers and diseased hens. Keep only healthy laying hens. The POTTER SYSTEM is a secret and the greatest discovery of the century in the poultry world on the subject of Egg producing Hens. Used by over 50,000 satisfied poultry keepers, who are saving dollars every year. Our new 100-page Potter System book, "DON'T KILL THE LAYING HEN," contains the secret and knowledge about laying and non-laying hens. It's a revelation to poultry keepers, and you will learn how you can use the Potter System on your flock, keep less hens, get more eggs and make more money using it. Write today, sending TWO RED STAMPS to cover postage on our large catalogue and circular telling all about Potter Poultry Products made for Particular Poultry People. If you are particular and want to make more money on your flock, you will write us today



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No. 5, Style "D"—8 x 10 ft. Potter portable open front fresh air, scratch shed house, equipped with No. 17, style "A" 5 ft. 3-perch complete henery outfit for 30 hens. Painted 2 coats. 2 ply roofing paper.

Potter's Portable Houses and Fixtures are solidly built—wind proof—rain proof—warm in winter and always perfectly ventilated. Each house fitted with sanitary fixtures including henery outfit with dropboard and nests. We also make coops, feed hoppers, brooders, hovers, etc.—in fact everything the poultry-keeper needs. Our big 132 page illustrated Catalog will be mailed to you for only 2 red stamps to cover postage. Write for it today AND SAVE BIG MONEY.

T. F. POTTER & CO.,

Box E16,

DOWNERS GROVE, ILL.

## SCRANTON'S S. C. REDS

No strain of Reds have won more consistently year after year in all the big shows than the birds bred by me. Always at the top in Chicago, Cincinnati, St. Louis, Kansas City, Indianapolis, Hagerstown, Louisville, etc.

OUR LINE OF MALE BIRDS IS UNEXCELLED.

In the recent Chicago show our males won more points than all competitors combined, which record they have held everytime exhibited at this show.

THERE ARE NO BETTER REDS BRED

Send for my Catalog of matings for full particulars—it is free. A few good breeding cockerels yet for sale.

B. H. SCRANTON,

Box P. W.,

RISING SUN, IND.



docility and attractiveness of the breed.

Where among all the breeds is one more stately, more kingly and pleasing to the eye than the lordly Brahma watching his beautiful flock of females on a country lawn, the black and white plumage against the green background making a most pleasing sight? There is no doubt but a large annual business is done in Brahmas as a lawn fowl to judge from the orders received from well to do estates who doubtless want just such a fowl to round out the finish of their country estate.

As to the varieties of Brahmas, the Lights, Darks and Buffs, they stand in the order named as to popularity, there being little difference in their respective qualities except that the darks weigh at maturity one pound less than the other two; on the other hand as an offset the darks are a little the hardier if such a thing were possible.

The question of choice between the three varieties is largely one of personal choice, some men in choosing a mate prefer a blonde and others a brunette; and so with the Brahmas, many will prefer the Lights or the Buffs and others the Darks. Each variety will give satisfaction to the party choosing them.

#### SILVER WYANDOTTES

There is more interest in Silver Wyandottes today than has ever been known in the history of this breed. We have had Silvers for twenty-five years, but never have we noticed such a good, hearty, earnest interest in this Breed. In the language of a large Breakfast Food advertiser, "There is a reason for it." Now what is the reason. In the first place in the National Egg Laying Contest at Mountain Grove, Mo., the greatest Egg Laying Contest ever conducted, the Silver Wyandottes, as a whole, averaged more eggs for the year 1912 than any of the other thirty varieties represented there, and for the year 1913 averaged one hundred and seventy-two eggs against one hundred and seventy-three for the best record of any other Breed—but for the two years, the record was largely in favor of the Silver Wyandottes. In addition to this record as the best layers, it is also worth noticing that the Silver Wyandottes produce this result on an average quantity of feed, probably a little more than a few varieties, but considerable less than any of the other popular varieties. This may be accounted for to a large extent by the active hustling, industrious disposition of the Silvers.

Finally and last but not least, the Silvers today are better in quality than ever before, and that means in the eyes of many at least that they are the prettiest Chicken that grows. We have then, the best all around Chicken, the prettiest Chicken, and the best money maker for any one that has good Silvers, and especially for him or her that will produce better than we see in the big Shows of the country today.

In conclusion, we will state that our club, "The Silver Wyandotte Club of America," was organized in 1891 with ten members. We have today, more than 300 members, in good standing, from all parts of the country. We will have our annual Club Meeting at Chicago, in December 1914, in connection with the Chicago Show, and the prizes in sight now, justifies us in saying that more than five hundred dollars will be up, which also justifies us in saying that this will be the greatest Silver Wyandotte Show ever held.—Henry Steinmesch, Pres., Silver Wyandotte Club of America.

#### ALDRICH POULTRY FARM

In a recent communication from the Aldrich Poultry Farm, 4033 N. High St., Columbus, Ohio, they report a tremendous demand for eggs this season. They have already booked more than three times the number sold up to the same time last season. This big increase in the demand for eggs has no doubt been greatly influenced by their great winnings at Chicago, Madison Square Garden, and Allentown during the past season which have been published in preceding issues of this magazine. They also report a heavy sale of exhibition and breeding stock during the show season just closed, and we are informed that they have sold cockerels that have taken first prizes in more than 50 prominent shows in the United States and Canada the past season and 50 others that have taken lesser prizes in the same shows. Many of these birds have been sold at very moderate prices. Many of their customers are also reporting show records made by birds hatched from their eggs or birds raised from stock supplied by them last year. The proprietors of Aldrich Poultry Farm claim that no other firm has had the same success with White Orpingtons and advise all those desiring eggs to book their orders as far in advance as possible to secure prompt shipment, and they also believe that for the prices charged for eggs that the purchaser will obtain greater value than can be obtained for the money on any other farm in England or America.

They still have a limited number of high class birds, also birds for utility purposes, and report that at the present writing they fear they will not be able to supply the demand for the whole season. Those who wish catalogue and mating list, also prices on stock and eggs, should write at once to Aldrich Poultry Farm, 4033 N. High St., Columbus, Ohio.

#### FIREFLY BABY CHICKS

Firefly Farm, E. W. Phelps, Proprietor, Box S, Guilford, Conn., is now making a specialty of Single Comb White Leghorns, particularly the day old chicks. We are advised that he can furnish buyers, at very reasonable prices, with big, husky, vigorous chicks that will live and grow. These chicks are described and priced in a circular that will be sent free to all readers upon application.

They also breed high class exhibition Rose Comb Rhode Island Reds from which they will supply a limited number of eggs for hatching.

## Save Those Baby Chicks

90 per cent of all chick losses are caused by the "babies" being either starved or overfed. No matter how many or how few chicks you may own, there is but way that they can be fed properly—and that is with a

#### Simplicity Kant-Klog Poultry Feeder

It feeds any chick food, is rat and sparrow proof—and it "can not clog." Always working; nothing to get out of order. Feed your chicks right—get a Simplicity Kant-Klog Poultry Feeder, price \$1.25.

## You Can't Improve on Nature

nor have we tried. With the Simplex Perfection Feather Brooder you simply "follow nature." It has no artificial heat—just real "natural feathers" hovering the chicks in the same way as the hen—only better. There is no fire, no leg weakness, no smothering, no chilling, no overheating, no gases or fumes, no bowel trouble, no crowding, no fuel to buy or lamps to replace. Perfect in every way. 50-Chick Size \$5. 100-Chick Size \$7.50.

Send for catalog. Sold under a positive guarantee of money refunded if not satisfactory. Simplex Supply House, Pontiac Bldg., Chicago



## Conkey's Starting Food for Baby Chicks

Is a ready prepared food that supplies the right elements for proper nourishment and vigor. Its use

### Makes Chicks Sturdy

Prepares and strengthens them for regular ration. Saves trouble and worry.

### Lessens Leg Weakness

Guaranteed to satisfy or money back. 25 lbs. \$1.65, 50 lbs. \$3, 100 lbs. \$5.75. Small sizes 10c, 25c, 50c and \$1.

### Conkey's Lice Powder

Dusted on sitting hens rids them of lice and keeps chicks free from these disease breeding pests. 10c, 25c, 50c and \$1 pkgs. The G. E. Conkey Co., Cleveland, O.

# The Best Way

## To Get Rid of Lice

on Poultry is to dust them separately with a good lice killing powder. Hold the fowl by the legs, head downward, so that its feathers will be open and the powder can penetrate through to the skin, especially around the vent and under the wings. The best time to do this is at night when the birds are at roost. The lice and mites are then on their job. It takes only a short time to dust an entire flock and the powder "works while you sleep." The best lice killer to use—

### 30 Years the Universal Favorite

The Old Reliable

# LAMBERT'S DEATH to LICE

Its effect is immediate and it does not injure eggs, hens or chicks, neither will it soil or discolor the finest plumage. It is the most reliable powder and a sure Profit Payer. If not at your Dealers, send 10c for sample. Larger sizes, 25c, 50c and \$1.00. Latest Pocketbook of Pointers (invaluable to all poultry raisers) mailed for 2c stamp.

**O. K. STOCK FOOD CO., 507 Traders Bldg., Chicago, Ill.**



**SANDS' WHITE LEGHORNS**

Readers interested in developing egg production in their flocks should write LeRoy E. Sands, Hawley, Pa., breeder of Single Comb White Leghorns, for day old chicks and eggs. Mr. Sands has by careful selection developed a flock of layers that are far above the average, in fact his entire flock of 2500 hens averaged better than 11 dozen eggs per head last year and many individuals were well over the 200 mark. While he has bred for increased egg production he has not overlooked standard requirements and has used for breeding purposes only those which conform most closely to the standard and in addition were known to possess a high record as egg producers. He is now booking orders for eggs and baby chicks from the same pens that he hatches from himself and will be pleased to hear from all readers of this magazine who desire to increase the egg productiveness of their flock by adding stock that are bred for constitutional vigor and high egg production.

**FISHER'S WHITE LEGHORNS**

In the 1914 mating list of A. Fisher, Canastota, N. Y., breeder of S. C. Leghorns, we find the following: "My breeders have unlimited range, or large yards, which is necessary to have the eggs hatch well and the chicks strong and ready to grow up full of life and vigor. I have never had a case of White Diarrhoea on my place." Think what that means to the prospective buyer of eggs or baby chicks. Mr. Fisher has mated eight pens for the coming season and the prices of eggs range from \$2.00 for 15 up to \$5.00 for 15. He also will book a few orders for baby chicks for April delivery at \$12.00 per 100, for May delivery at \$10.00 per 100. Mr. Fisher also has a select flock of both Fawn and White and White Indian Runner Ducks from which he will spare a limited number of eggs at \$2.00 per 12. For further information address A. Fisher, Route 2, Canastota, N. Y., and ask for his 1914 mating list.

**SILVER PENCILLED WYANDOTTES**

Horace Havemeyer, Box W, Stamford, Conn., claims to have the best flock of Silver Penciled Wyandottes in existence, and this is backed up by a record made at such shows as Madison Square Garden, Grand Central Palace and Boston that challenges comparison. Mr. Havemeyer has bred all varieties of Wyandottes and made comparison of their different qualities and discarded them all for the Silver Penciled Wyandotte variety, and is firm in the belief that they excel all others. All birds are bred by single mating method so that the prospective buyer need have no fear in this direction. No eggs are offered for sale but he has a large quantity of high class birds of both sexes that will be disposed of at reasonable prices. Why not secure a trio or pen at once and start with this variety this spring. For further information address Horace Havemeyer, Box W, Stamford, Conn.

**GALEN FARMS**

Galen Farms, Clyde, N. Y., are doing an extensive day old chick business and issue an attractive sixteen page catalogue describing the different varieties supplied by them. This includes White Leghorns, Barred Plymouth Rocks, S. C. Rhode Island Reds and Indian Runner Ducks. The price for chicks range from \$5.00 for 25 to \$15 for 100, and ducklings from \$8.00 for 25 to \$25 for 100. They also sell eggs for hatching from \$2.00 for 15 to \$9.00 for 100. They offer to give \$5.00 to any customer sending them the best photograph of stock raised from their chicks; \$3.00 for second prize and \$2.00 for third prize. The photographs to reach them before October 1, 1914, and to be accompanied by a statement of results. For further information mention AMERICAN POULTRY WORLD and address Galen Farm, Drawer D, Clyde, N. Y.

**ROYAL REDS**

The record made by "Royal Reds" at the recent Chicago show has never been equaled by any other strain of this variety at the Great Chicago show. This strain of Reds have always been prominent winners at this great show and their recent winnings together with their past record is included in their handsome new catalogue which will be sent free to all readers of this publication that address F. E. Harrison, Box A, Menominee, Mich.

In a recent letter from Mr. Harrison we are advised that he has a quantity of breeding stock for sale in both males and females and is prepared to quote most liberal prices.

**Too Late to Classify**

**VITALITY BABY CHIX** from large, pure white Single Comb White Leghorns—10 cents each. Pullet average 165 eggs per year. Booklet. Hillcrest Poultry Farm, Box 182, Chili, N. Y.

**BABY CHICKS.** Barred Rocks, Ringlet Strain, 15 cents each. Safe arrival guaranteed. Circular. J. H. Trout, Unadilla, N. Y.

**BABY CHICKS and EGGS FOR SALE.** Thoroughbreds, Barred Rocks, Single Comb White Orpingtons, Single Comb Reds, chicks \$3.00 per dozen. Eggs \$2.00 per 15. Old Dominion Poultry Farm, Carrsville, Va.

**Wycoff White Leghorn CHIX.** 10c. Eggs \$4-100. Circulars. Parkhurst Hatchery, Mansfield, Pa.

**DAY OLD CHICKS & EGGS,** Ringlet Barred & White Rocks, Rose and S. C. Reds, Sibley and Buschmann-Pierce Strains. Partridge Wyandottes, 27 firsts, 30 seconds at 3 shows. J. E. Brocklehurst, Mercer, Pa.

**DAY OLD CHICKS OF QUALITY** from farm raised stock. Rose Comb Reds, White Wyandottes, Rose Comb Buff, Single Comb White and Brown Leghorns, Mottled Anconas, \$12.00 to \$20.00 100. Correspond and get acquainted. Circular. White Creek Hatchery, West Rupert, Vt.

**ANCONA** color plate 20c; **ANCONA** World 50c; both for 60c. Club membership \$1. All three \$1.40. Remit to Ancona World, Franklinville, N. Y.

**BUCKEYES.** Scientific matings. Boston, New York, Chicago, Cleveland winners. Mating list. Geo. D. Bradley, Xenia, Ohio.

Fifty-six page illustrated **CAMPINE** History 75c. Campine Herald, Franklinville, N. Y.

**IMPROVED SILVER and GOLDEN CAMPINE** winners of twelve first and eight second prizes at Palace Show, London, England, Iowa State Fair, St. Paul, Minn. show, and Iowa Poultry Show, Des Moines, Iowa. Send for special prices on fine stock and eggs also for Free Copy of the finest Campine Book and Catalogue published. E. Benson, Box 265, Latimer, Iowa.

**S. C. BUFF LEGHORNS**—Prize and Utility eggs \$1.50 up. Chicks 15 ct. up Catalogue free. Chestnut Hill Poultry Farm, Easton, Pa.

**MY SINGLE COMB BUFF ORPINGTONS** won 24 firsts and 5 seconds in seven shows. Eggs \$2.00 to \$5.00 per 15. Send for mating list and winnings. J. C. Forrest, Cherrydale, Va.

**WHITE ROCKS**—Annual winners at Philadelphia, always win the blue. Hatching eggs, baby chicks and breeding stock from utility and fancy birds. Yale Bartholomew, Vineland, N. J.

**S. C. REDS**—Scientific matings, Cleveland, Dayton, Springfield, Chillicothe winners. Mating list. Geo. D. Bradley, Xenia, Ohio.

**DARK BRAHMA EGGS** for hatching, prices, 1st pen (pullet mating, imp. male) \$3.00 per 15, \$5.00 per 30; 2nd pen (cockerel mating, Amer.) \$2.00 per 15. 10 live chicks, hen hatched, guaranteed from each setting; charges prepaid. Address J. M. Bingham, Ephrata, Pa.

**SINGLE COMB WHITE LEGHORN** Eggs, one dollar per setting of fifteen. One pen only. Harold E. Felch, Floram Park, N. J.

**SINGLE COMB WHITE LEGHORNS** a specialty. Great winter layers \$1.50. \$2.00 and \$3.00 per setting. Cocks and cockerels \$2.50 to \$5. Order now and don't wait. H. R. Stryher, Lock Box 164, Rocky Hill, N. J.

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**WANTED**—Agents to sell our Victor Egg Preserver. A harmless preparation, much superior to water glass (Silicate of Soda). Economical and simple to use. A 25c package will preserve 25 dozen eggs. Liberal commission. Write for terms. Send 25c in stamps and we will send you a package by parcel post. Apothecaries Hall Co., Waterbury, Conn.

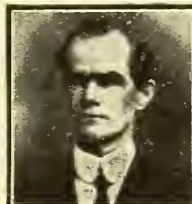


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**AMERICAN SCHOOL OF POULTRY HUSBANDRY,**  
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**RATES:**—Classified advertisements will be inserted in this department of AMERICAN POULTRY WORLD at 5 cents a word per month for one or two months, or at 4 cents a word per month for three or more months. Change of copy allowed quarterly without extra cost. No order accepted for less than 50 cents for each insertion. Numbers, initials and abbreviations count as words. No display allowed other than initial word or name.

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AMERICAN POULTRY WORLD is furnished every classified advertiser without charge during the time his advertisement appears in these columns.

We guarantee to publish an average monthly circulation of 45,000 copies during the year ending with April, 1914.

### "BECOME IDENTIFIED WITH A WINNER."

#### ANCONAS

**SHEPPARDS FAMOUS ANCONAS**—The world's best. Single or Rose Comb. First at World's greatest shows, including London, England, Madison Square and Cleveland. Greatest egg record. Average 256 for entire flock. Cecil Sheppard, Box X, Berea, Ohio, President International Ancona Club. 4-5-4

**TIMM'S POULTRY YARDS**—Anconas, Stock, eggs and chicks. Shipments guaranteed. Catalogue Free. John Timms, Malta, Ohio. 3-4-4

**ANCONAS**—Blue Ribbon Winners at Geneva, Auburn and Great Rochester Shows, unexcelled layers. Marion Hill, Route 4, Geneva, N. Y.

**ANCONAS**—New York, Buffalo, Cleveland, Jamestown, winners. No stock for sale. Baby chicks. Express paid. Circular. Wm. S. Rathbun, 8 Kingsbury, Ave., Jamestown, N. Y. 3-4-4

**ANCONAS**—Winners Madison Square Garden, Philadelphia, Baltimore, elsewhere. Partridge Plymouth Rocks. My matings and "What the Editor says" Free. H. Egerton Portrum, Rogersville, Tenn. 3-4-4

**S. C. ANCONAS OF QUALITY**, win the blue at Allentown, Hagerstown, Augusta, Paterson, Grand Central Palace and Madison Square. Eggs \$3.00, \$5.00, \$10.00 per 15. Geo. Cisco, Kearney St., Paterson, N. J. 3-4-4

**SINGLE COMB ANCONAS**—Some grand, large, dark males and females for sale. Wonderful layers, bred correct. Eggs \$1.50 per 15, \$7.00 per 110. Geo. C. Schwegman, Richmond, Ind. 4-6-4

**OUR ANCONAS** First prize winners at the Flve leading Ancona exhibits this past season. Largest flock in America. Free Catalogue. J. O. Somers, Bedford, Ohio. 3-5-4

#### ANDALUSIANS

**BLUE ANDALUSIANS**, Prize winners, Sidney, N. Y. Show clean sweep. Eggs and Stock for sale. Chas. Gray, New Berlin, N. Y. 3-5-4

#### BANTAMS

**COCHIN & BRAHMA BANTAMS**—Winners of Blue Ribbons, Cups, Medals, etc., at America's largest Shows. A. I. Paine, Whitman, Mass. tf

**BLACK COCHIN BANTAMS**—Having sold all my Pyle Bantams, will gladly quote selling prices on all Cochins, as lot or otherwise. Among them many good birds. F. B. Zimmer, Gloversville, N. Y. tf

**BANTAM SPECIALIST**—Buff, Black, Partridge Cochins, Light and Dark Brahmas. I ship on approval. Circular free. Geo. C. Salmon, Port Dickinson, N. Y. tf

**ALL BREEDERS** of Bantams should procure a copy of the "Bantam Book." Fully describes all varieties and tells how to feed and care for them. Just what the beginner wants to know. Send 50c. today to AMERICAN POULTRY PUBLISHING CO., Buffalo, N. Y. tf

**RARE BARGAINS**—Golden and Silver Sebright, Buff, Black, White and Partridge Cochins, Rose Comb Black, Black Tailed Japanese. Red Pyle and Black Red Game and Single Comb White Leghorn Bantams. Proper & Son, Schoharie, N. Y. 12-7-4

**GOLDEN SEBRIGHT BANTAMS**, \$1.50 and \$2.00 each. Four and \$5.00 per trio. W. H. Adams, Almond, N. Y. tf

**BANTAMS**—34 varieties. Egg orders booked. Send 2c stamp for circular. The Fenn Bantam Yards, Box 44, Delavan, Wisc. 6-6-4

**AMERICA'S BEST COCHIN BANTAMS**: If you wish the best, either show birds, breeders, pet or utility Bantams, be sure and turn to Cover Page 3, and read our ad carefully. Wahebe Bantam Yards. tf

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America's best **BUFF COCHIN BANTAMS** are recognized as champions. Winners of highest honors at Madison Square Garden. B. O. Schilling, Brighton Sta., Route No. 1, Rochester, N. Y. 6-8-4

#### BRAHMAS

**LIGHT BRAHMAS**—Fifty-six prizes this season at eight shows, Madison Square Garden, Grand Central Palace, Philadelphia, New York State Fair and Hagerstown. Stock and eggs. Satisfaction guaranteed. Harvey C. Wood, Box 307, Bound Brook, New Jersey. 3-4-4

**EXHIBITION LIGHT BRAHMAS**—Excellent breeders—eggs for hatching, winnings 1913, Mineola Fair, 10 entries, 10 awards. Grand Central Palace, New York, 2nd Cock, 1st, 2nd Cockerel, 1st Pullet, 2nd Pen. Silver Cup Best Display and Specials. B. Ekenberg, Rockville Centre, L. I. 3-4-4

**LIGHT BRAHMAS**—New York 1 cock; 2 hen, New York State Fair 1-4 cock; 1-4 hen; 1 cockerel; 1 pullet. Blue Ribbons eight shows 1913. Stock, Eggs, Polder. Fred E. Warren, 613 Mill St., Watertown, N. Y. 2-4-4

**HICKS LIGHT BRAHMAS** won four first prizes at both of the Rochester Poultry Shows. Eggs \$3.00 for 15. George A. Hicks, Pittsford, N. Y. 3-5-4

#### BUCKEYES

Weisberg's Quality **BUCKEYES**. Leading winners, winter layers. Hatching eggs for early chicks now ready. Free catalog. A. H. Weisberg, Nevada, Mo. 3-3-4

**BUCKEYES**, thirteenth year, Columbus winners, best shaped male. Gardiner Dunning, St. Marys, Ohio. 2-4-4

**C. R. WHEELER'S NUTMEG STRAIN**, Manchester, Conn., have won more firsts and seconds in three years at Boston than any other breeder. Quality counts. 1-3-4

#### BUTTERCUPS

**BUTTERCUPS** of Quality. Write for circular. N. A. Parham, Route-1, Howe, Ind. 4-5-4

**BUTTERCUPS** that are prize winners as well as layers \$3.00, \$5.00 and \$7.00—pens \$15.00 and \$20.00. J. P. Porter, Box 68, Hamburg, N. Y. 3-4-4

**TRUE S. BUTTERCUPS**—Eggs from my superior Buttercups ready from February 1st delivered free. Pen 1—30c each. Pen 2-20c each. H. Van Horne, 47-W-34, New York, N. Y. tf

**IF QUALITY BUTTERCUPS** interest you write Rood, the Buttercup Specialist, Garrettsville, Ohio, for description booklet, winnings and grand 1914 matings. 3-4-4

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# INDEX TO ADVERTISERS

Abernethy, Jas.	425	Harrison, F. E.	1	Pratt, C. W.	428
Aldrich Poultry Farm.	361	Harter, S. H.	427	Prudeau, Mrs. L. C.	405
Almy, F. W. C.	cover	Hawkins, A. C.	cover 3	Prescott, F. M.	417
American Pltry. Pub. Co.	394 420	Henderson & Billings.	418	Prudhomme, Dr. J. H.	419
Anderson, Annesley M.	427	Hering, Frank E.	362	Pruyn, John W.	428
Andrewes, Fred A.	427	Hess & Clark, Dr.	18	Purina Mills.	376
Andrews, J. W.	405	Hewke, Theo. S.	401	Rancocas Poultry Farm.	366 433
Armer, Fred.	412	Highworth Poultry Yards.	427	Red Feather Farm.	cover 2
Arnold, Aug. D.	383	Hill, Lew V.	422	Red Journal.	379
Automatic San. Trap Nest Co.	393	Hill, O. L.	413	Reliance Inc. Co.	426
Ayres, Levi A.	412	Hillcrest Farm.	413	Riley, C. E.	412
Babcock Poultry Farm.	415	Hilldorfer Black Minorca Farm.	419	Riverdale Poultry Farm.	417
Baerman, L. D.	371	H. O. Co.	381	Rockland Farm.	414
Balch & Brown.	403	Hodgson, E. F.	389	Rockford Incubator Co.	398
Baldwin, Wesley.	413	Holmwood, Mason H.	419	Rocky Run Farm.	374
Barlow, A. G.	390	Horseshoe Poultry Yards.	412	Rose, Hugh A.	375
Bast, W. F.	397	Houck & Alt.	379	Royal Farms.	395
Bean, Frank G.	401	Hover Inc. Co.	380	Rowan, R. A.	388
Belle City Inc. Co.	423	Howard Mfg. Co.	385	Russell Farms.	363
Bergh, J. S.	372	Howland, Stewart.	408	Sanborn, Dr. N. W.	cover 3
Besuden Bros.	cover 4	Hummel, S. A.	400	Sands, LeRoy E.	401
Bird Bros.	371	Humphrey & Son.	382	Schenley Heights Ply. Yds.	cover 2
Bonnie Brook Poultry Farm.	cover 3	Hunt, H. J.	417	Scoville, C. S.	418
Boschen, C. H.	415	Huston, Jas. T.	419	Scranton, B. H.	433
Bourne Mfg. Co.	401	Ideal Poultry Yards.	385	Sessions, J. M.	415
Bown, Lew H.	412	Ironclad Incub. Co.	392	Sheer Co., H. M.	416
Brent, C. S.	371	Ives, Paul B.	433	Shorewood Farms.	381 384 388 401
Briggs, Edgar.	400	Jacobs, Chas.	383	Simplex Brooder Stove Co.	418
Brown & Co., E. C.	385	Jacobus, M. R.	cover 3	Simplex Supply House.	434
Brooks, Mrs. Andrew.	412	Johnson, M. M.	386	Slade, John.	405
Buckeye Inc. Co.	377	Keeler, Chas. V.	431	Smith, Miss Anna.	384
Bureau Mushroom Culture.	390	Knudson Mfg. Co.	392	Smith, W. A.	363
Buschmann-Pierce	408	Kennedy, J. Fred N.	cover 3	Spiller, A. P.	418
Byers, C. S.	360	Kentucky Stamping Co.	7	Spratts Patent.	394
Caines, W. J.	419	Kitselman Bros.	378	Springside Poultry Farm.	424
Caldwallader, T.	413	Klingbeil, Paul.	402	Standard Bone Cutter Co.	395
Call & Vinal.	397	Knapp, B. R. & O. A.	418	Steinmesch, Henry.	409
Caldwell, R. C.	424	Kortlander, Jos. W.	412	Stiles, Chas. L.	397 400
Canavan, P.	405	Kulp, W. W.	395	Stillwagen, F. H.	372
Candee Incubator Co.	378	Lee Co., Geo. H.	394	Stirdivant Farms.	385
Carbolineum Wood Preserving Co.	393	Leete, R. C.	374	Stover Mfg. Co.	379
Cassel & Sons, F. P.	383	Lisk, F. C.	374	Succulenta Co.	388
Chamberlain, W. F.	405	Little, Geo. W.	421	Sunnybrook Farm.	363
Chase, W. O.	427	Loomis, E. W.	428	Sunnyside Ply. Farm.	395
Cherry Lane Farm Co.	407	Low, Dr. W. A.	403	Swarts, H. D.	390
Christie, F. W.	414	Mackay, J. F.	429	Swartout, Ross.	403
Close-To-Nature Co.	425-428	Manhattan Farms.	373	Taft's Orpington Farm.	397
Congdon, W. A.	361	Mann Co., F. W.	402	Taylor, L. C.	371
Conkey Co., The Geo. E.	424 434	Maplecroft Farms.	cover 3	Taylor Instrument Co.	397
Cook & Sons, Wm.	364	Maplehurst Farms.	371	Terwilliger, C. W.	374
Country Gentleman, The.	431	Maple Valley Farm.	421	Thorp, R. S.	374
Covert, Harry.	408	Marshall & Marshall.	359	Thompson, E. B.	cover 4
Cox, A. B.	427	Martin, John S.	365	Tilton, A. F.	415
Crandall, Dr. O. H.	382	Martz, A. E. & Son.	370	Tolman, Jos.	391
Crockford.	431	Marvel Poultry Farms.	408	Tompkins, Lester.	369
Crossley, J. H.	401	Mason, Robt.	422	Tracey, Geo. W.	379
Crooks, Sumner.	417	McBride, J. S.	397	Turner, Edw. J.	372
Curtis, D. V. G.	412	McLean, Lewis T.	430	Turtle Point Farm.	359
Cyphers Incubator Co.	2 3 6 410	McKittrick, T. A.	419	Tywacana Farms.	390 400
Daily, Guy.	372	Merihew, L. E.	402	Underhill Farms.	363
Darrow, E. B.	418	Merrill, Q. H.	429	Underwood, J. A.	371
Darst, C. N.	425	Michigan Poultry Farm.	381	United Breeders.	406
Dartmoor Yards.	371	Miers, C. O.	415	Urban Farms.	371
Dean, E. F.	418	Mills' Seed House.	380 382	Vierheller Bros.	412
Delano, Maurice F.	9	Miller Frank.	403	Vincent, Jas. H.	381
Deming, H. P.	418	Monmouth Poultry Farms.	402	Wadsworth & Caster.	365
Diamond Box Mfg. Co.	402	Moore Bros.	403	Wahebe Bantam Yards.	cover 3
Dictograph Farm.	421	Moore, Chas. C.	276	Ward, J. W., Jr.	cover 3
Dodge, F. M.	421	Morgan Bros.	413	Warsaw Cooping Co.	400
Douglas, H. B.	408	Mount Pleasant Farm.	385	Wayne Poultry Yards.	428
Dunrobin Farm.	366	Myers, C. N.	407	Webb, Geo. W.	395
Dune Alpin Farms.	431	Natural Hen Incubator Co.	388	Wellcome, F. O.	372
Dutton, E. M.	379	Nescopeck Poultry Farm.	427	Wendell Inc. Co.	402
Eagle Bay Farm.	413	Neubert, R. F.	382	Wheeler, G. L.	429
Edgemont Ply. Farm.	427	Nicholson, Haldie.	409	White, Geo. W.	413
Eleova Farms.	389	Noeth, Geo. E.	373	White Birch Poultry Farm.	374
Elmwood Poultry Farm.	397	Norris, Chas. J.	395	Whitney & McEwan.	433
Everlay Farm.	361	Oak Grove Poultry Farm.	377	Whyland, A. J.	372
Fehr & Strohl.	418	Oculum.	408	Wiberley, W. J.	372
Fernbrook Farm.	421	Ohio Marble Co.	384	Wilburtha Farm.	cover 2
Ferris, Geo. B.	373	O. K. Co., The.	413	Williams Bros & Brace.	425
Firefly Farm.	427	O. K. Stock Food Co.	434	Wilson Bros.	407
Fish, G. L.	407	Onlya Farm.	412	Wisconsin Inc. Co.	388
Fishel, J. C. & Son.	433	Overlook Poultry Farm.	425	Wohlert, A. E.	395
Fishel, U. R.	4	Owen Farms.	9	Wolsieffer, J. Harry.	379
Fisher, A.	376 397	Parks, J. W.	414	Woman's College.	376
Fiske, Harlo J.	415	Parkaway Poultry & Stock Farm.	388	Wood, Chas.	401
Four Acre Ply. Yards.	407	Pasteur Laboratories.	415	Woodard, F. E.	400
Fogg, N. V.	389	Pemble, C. E.	418	Wray Bros.	425
Frantz, W. C. D.	429	Payne Bros.	409	X-Ray Inc. Co.	383
French, R. T. Co.	414	Pearl Grit.	384	Yama Farms.	420
Fruit Belt.	422	Peer, Thos.	408	Young, D. W.	399
Gabriel, F. C.	395	Peerce, Wm. E.	379		
Galen Farms.	393	Pen-Y-Bryn.	397		
Globe Elevator Co.	391	Perry, L. H.	371		
Glover, H. Clay.	395	Petaluma Brooder Stove Co.	390		
Gordon, Thos. C.	383	Petaluma Incubator Co.	393		
Gould, Harold C.	409	Phillips & Groner.	374		
Genesee Cooping Co.	395	Pilling & Son, G. P.	389		
Granock Farms.	383	Pittsburgh Steel Co.	378		
Green, H. B.	372	Pittsfield Poultry Farm Co.	5		
Greider, B. H.	384	Potter & Co., T. F.	433		
Grove Hill Poultry Yards.	363	Poole, Theo.	427		
Haddock, Stewart.	383	Poley, John W.	433		
Halbach, H. W.	377	Posten, B. Monroe.	395		
Hallenbeck, L. M.	374	Prairie State Inc. Co.	391		
Hanchett, China.	428	Pratt Food Co.	368		

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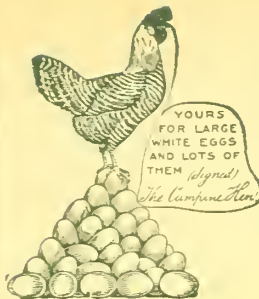


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